

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008275.D
 Acq On : 21 Mar 2019 05:46
 Operator : JC/SP
 Sample : K1945-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T4-OZ(POST-HYPO)

Quant Time: Mar 22 08:17:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	8678	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	6.84	114	7010	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.11	117	33224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	55995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	426	3.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	6.52%	
35) Dibromofluoromethane	5.51	113	95	2.02	ug/l	0.01
Spiked Amount	50.000		Recovery	=	4.04%	
50) Toluene-d8	8.70	98	27537	154.77	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	309.54%	
62) 4-Bromofluorobenzene	11.13	95	39322	641.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1283.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.11	74	110	1.273	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	30	0.269	ug/l #	1
10) Methyl Iodide	2.49	142	1509	10.626	ug/l #	50
11) Tert butyl alcohol	3.01	59	140	5.004	ug/l #	73
12) 1,1-Dichloroethene	2.36	96	301	2.859	ug/l #	45
13) Acrolein	2.29	56	329	6.524	ug/l #	43
14) Allyl chloride	2.70	41	127	0.554	ug/l #	30
15) Acrylonitrile	3.13	53	148	2.000	ug/l #	49
16) Acetone	2.42	43	172	2.320	ug/l #	59
17) Carbon Disulfide	2.56	76	150	1.106	ug/l #	1
18) Methyl Acetate	2.73	43	396	2.308	ug/l #	74
19) Methyl tert-butyl Ether	3.17	73	152	0.399	ug/l #	1
20) Methylene Chloride	2.85	84	45	0.364	ug/l #	36
21) trans-1,2-Dichloroethene	3.15	96	71	0.624	ug/l #	1
22) Diisopropyl ether	3.84	45	95	0.212	ug/l #	51
23) Vinyl Acetate	3.79	43	83	0.216	ug/l #	73
25) 2-Butanone	4.63	43	140	1.279	ug/l #	70
26) 2,2-Dichloropropane	4.44	77	140	0.805	ug/l	84
27) cis-1,2-Dichloroethene	4.57	96	39	0.301	ug/l	51
28) Bromochloromethane	4.99	49	117	1.129	ug/l #	10
29) Tetrahydrofuran	5.10	42	396	5.789	ug/l #	77
30) Chloroform	5.17	83	93	0.431	ug/l #	18
31) Cyclohexane	5.56	56	181	0.835	ug/l #	18
32) 1,1,1-Trichloroethane	5.45	97	78	0.434	ug/l #	1
36) 1,1-Dichloropropene	5.82	75	182	2.230	ug/l #	28
37) Ethyl Acetate	4.82	43	23	0.238	ug/l #	1
38) Carbon Tetrachloride	5.73	117	107	1.471	ug/l #	12
39) Methylcyclohexane	7.45	83	150	1.527	ug/l #	39
40) Benzene	6.13	78	220	0.911	ug/l #	52
41) Methacrylonitrile	5.04	41	158	2.920	ug/l #	25
42) 1,2-Dichloroethane	6.14	62	247	2.791	ug/l	86
43) Isopropyl Acetate	6.40	43	116	0.750	ug/l #	1
44) Trichloroethene	7.23	130	44	0.745	ug/l	97
45) 1,2-Dichloropropane	7.48	63	276	4.081	ug/l #	1

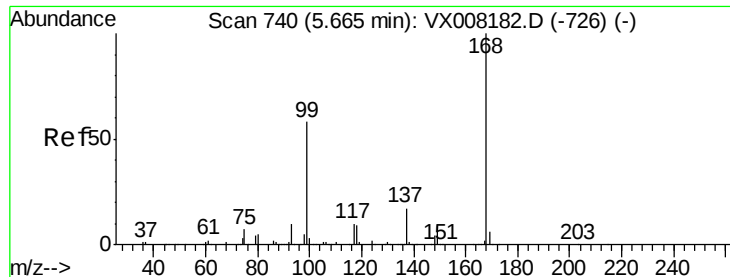
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008275.D
 Acq On : 21 Mar 2019 05:46
 Operator : JC/SP
 Sample : K1945-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T4-OZ(POST-HYPO)

Quant Time: Mar 22 08:17:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.62	93	19	0.464	ug/l #	1
47) Bromodichloromethane	7.89	83	83	1.064	ug/l #	26
48) Methyl methacrylate	7.76	41	63	0.766	ug/l #	1
49) 1,4-Dioxane	7.74	88	189	130.255	ug/l	96
51) 4-Methyl-2-Pentanone	8.61	43	334	3.341	ug/l	92
52) Toluene	8.89	92	56	0.391	ug/l	98
53) t-1,3-Dichloropropene	9.01	75	168	3.093	ug/l #	70
54) cis-1,3-Dichloropropene	8.41	75	46	0.475	ug/l #	65
55) 1,1,2-Trichloroethane	9.22	97	53	0.915	ug/l #	29
56) Ethyl methacrylate	9.17	69	181	2.289	ug/l #	62
57) 1,3-Dichloropropane	9.37	76	257	2.509	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.23	63	69	1.454	ug/l	95
59) 2-Hexanone	9.46	43	185	2.404	ug/l	98
60) Dibromochloromethane	9.58	129	45	0.809	ug/l	63
61) 1,2-Dibromoethane	9.80	107	55	0.910	ug/l	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 733

Delta R.T. -0.04 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

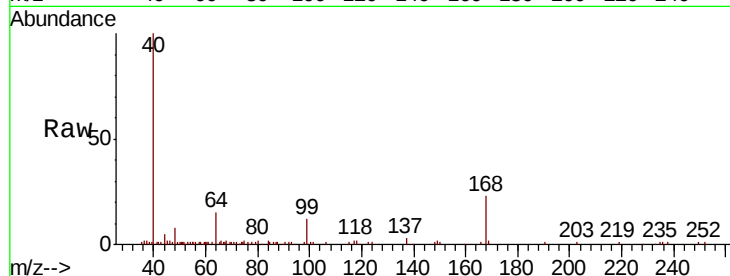
M4-T4-OZ(POST-HYPO)

Tot Ion:168 Resp: 8678

Ion Ratio Lower Upper

168 100

99 50.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

3000

2500

2000

1500

1000

500

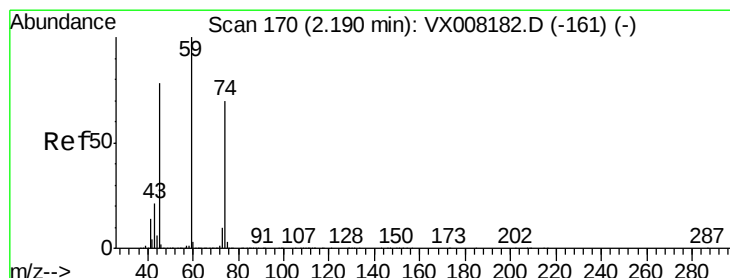
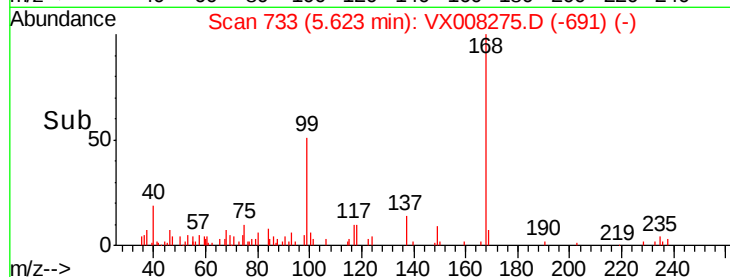
0

5.50

5.60

5.70

Time-->



#8

Diethyl Ether

Concen: 1.273 ug/l

RT: 2.11 min Scan# 157

Delta R.T. -0.08 min

Lab File: VX008275.D

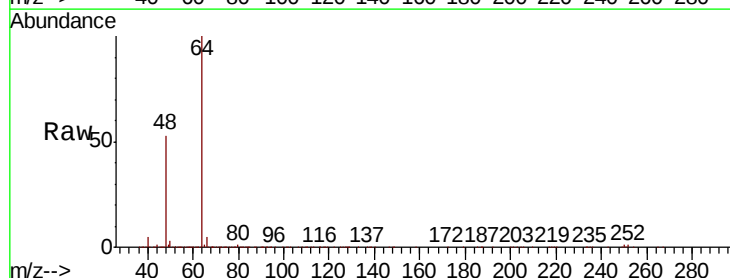
Acq: 21 Mar 2019 05:46

Tgt Ion: 74 Resp: 110

Ion Ratio Lower Upper

74 100

45 112.7 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

500

400

300

200

100

0

2.10

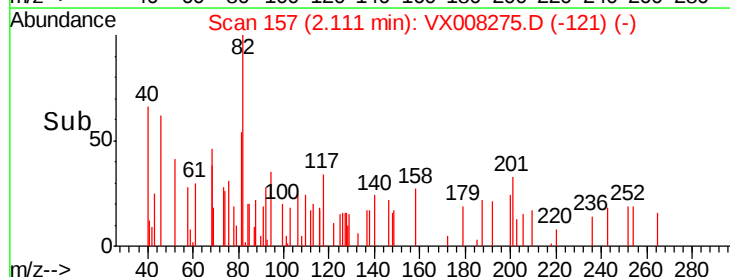
2.11

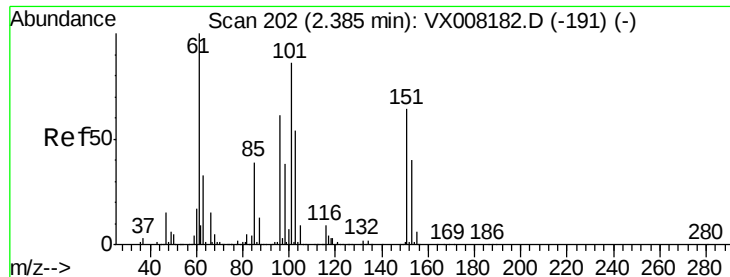
2.12

2.13

2.14

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.269 ug/l

RT: 2.36 min Scan# 198

Delta R.T. -0.02 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

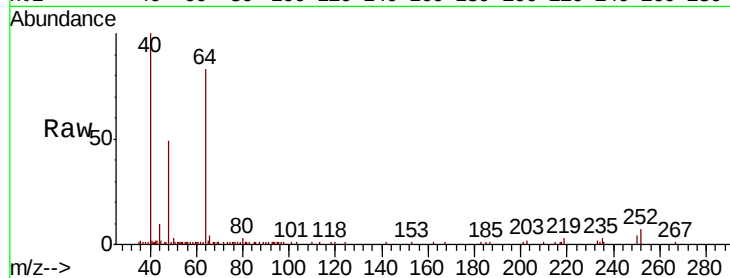
Tot Ion:101 Resp: 30

Ion Ratio Lower Upper

101 100

85 233.3 33.8 50.6#

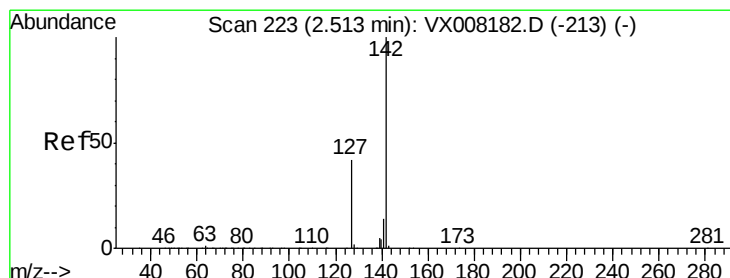
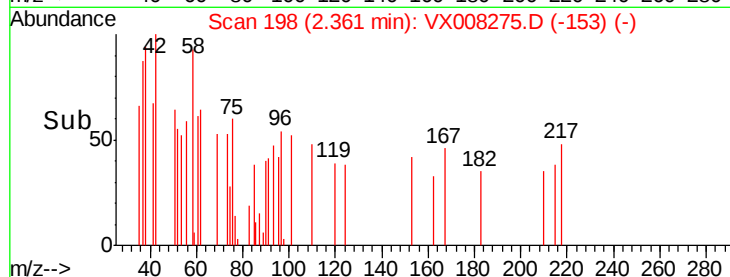
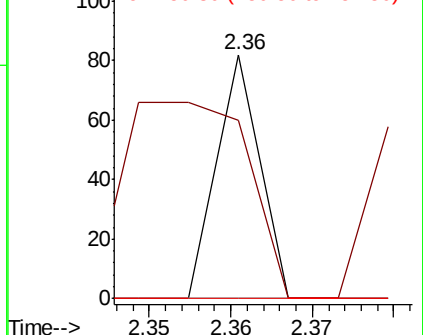
151 0.0 69.1 103.7#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.626 ug/l

RT: 2.49 min Scan# 219

Delta R.T. -0.02 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

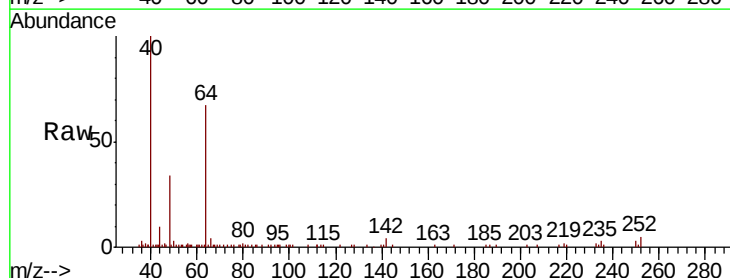
Tgt Ion:142 Resp: 1509

Ion Ratio Lower Upper

142 100

127 5.8 32.1 48.1#

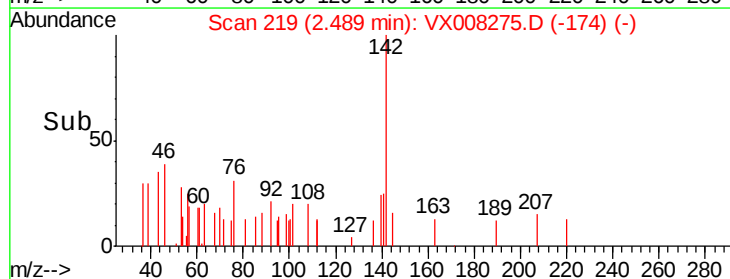
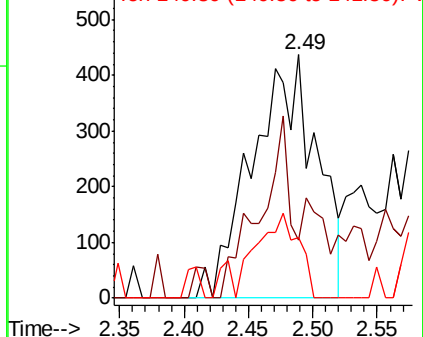
141 0.0 11.4 17.2#

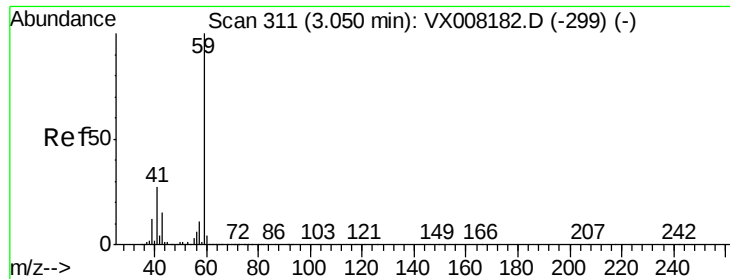


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



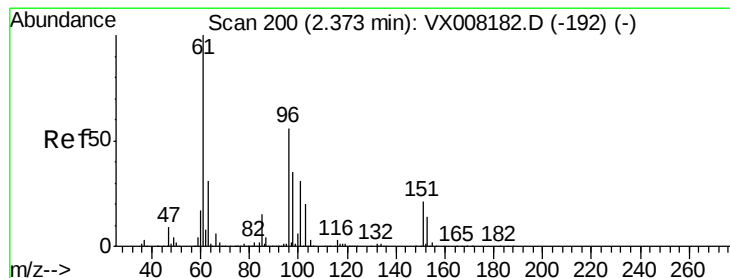
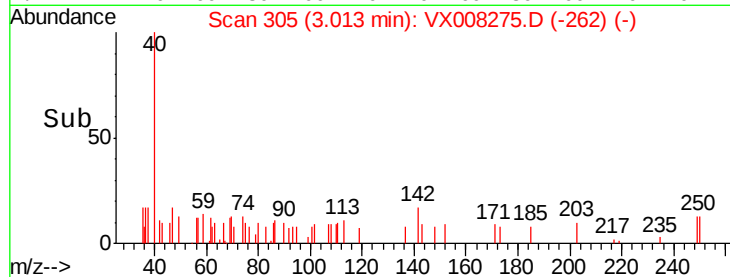
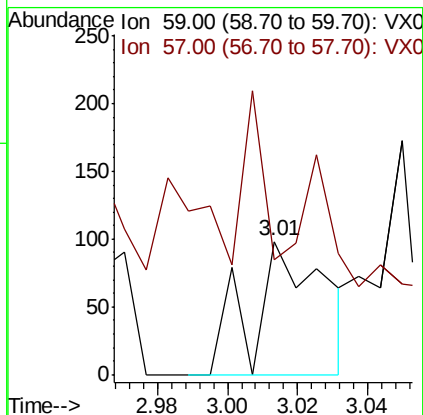
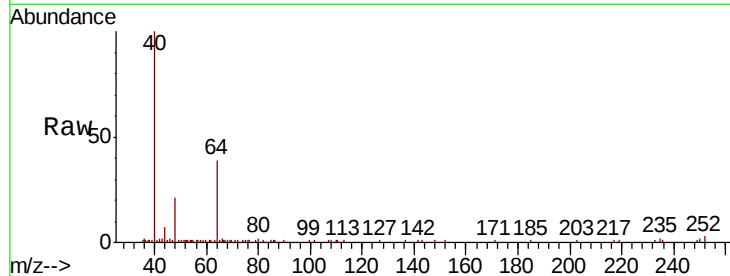


#11

Tert butyl alcohol
Concen: 5.004 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

Instrument :
MSVOA_X
ClientSampleId :
M4-T4-OZ(POST-HYPO)

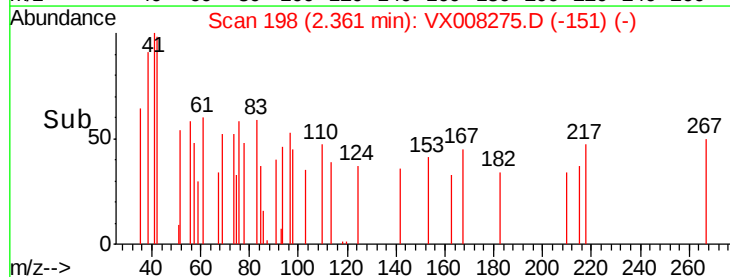
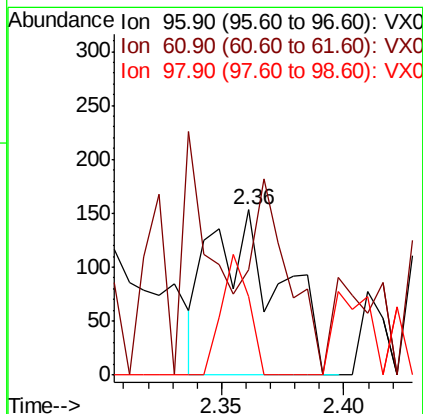
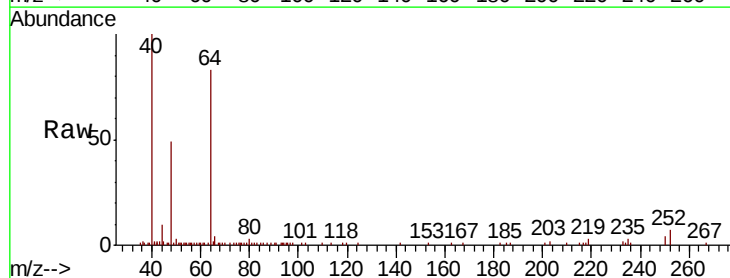
Tot Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

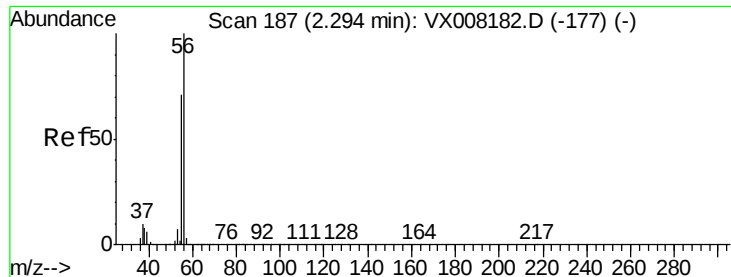


#12

1,1-Dichloroethene
Concen: 2.859 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

Tgt Ion: 96 Resp: 301
Ion Ratio Lower Upper
96 100
61 70.6 129.8 194.6#
98 47.7 51.0 76.6#





#13

Acrolein

Concen: 6.524 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

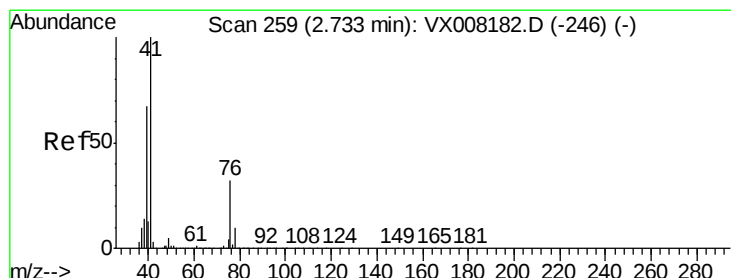
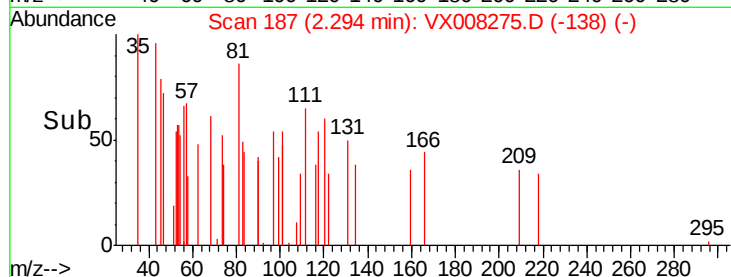
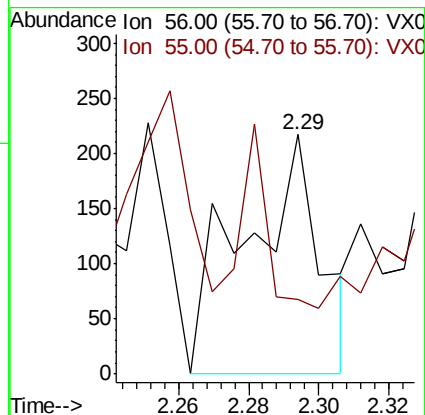
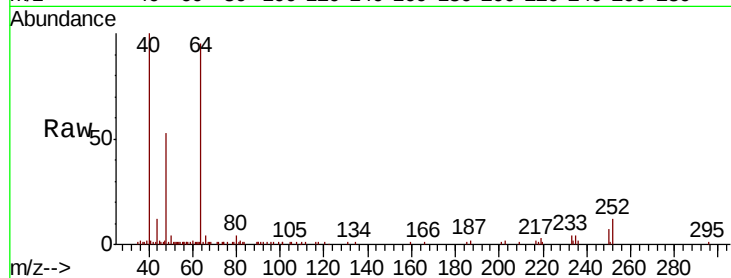
M4-T4-OZ(POST-HYPO)

Tot Ion: 56 Resp: 329

Ion Ratio Lower Upper

56 100

55 24.9 57.8 86.6#



#14

Allyl chloride

Concen: 0.554 ug/l

RT: 2.70 min Scan# 254

Delta R.T. -0.03 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

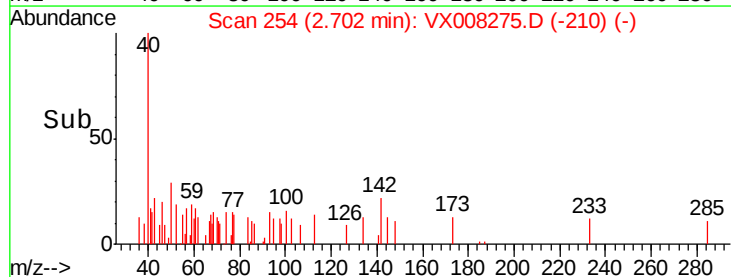
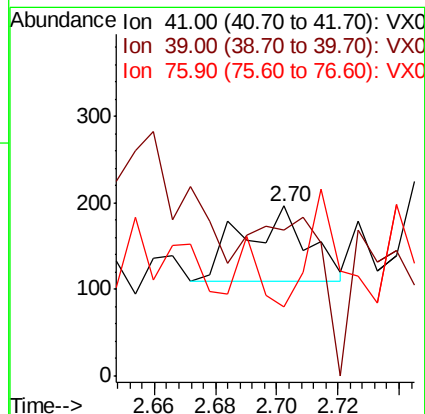
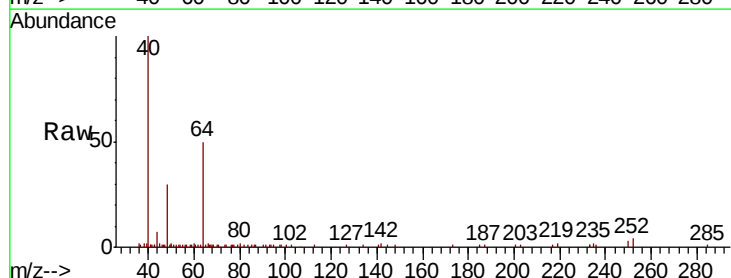
Tgt Ion: 41 Resp: 127

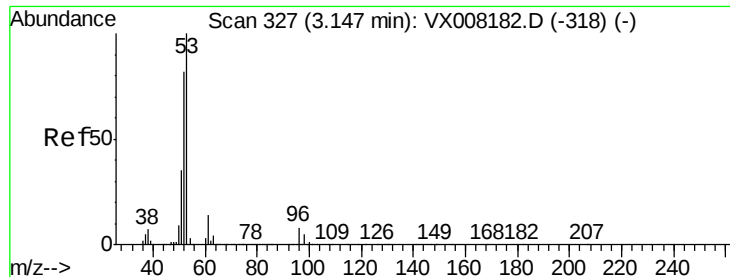
Ion Ratio Lower Upper

41 100

39 0.0 46.1 69.1#

76 0.0 24.0 36.0#





#15

Acrylonitrile

Concen: 2.000 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.02 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

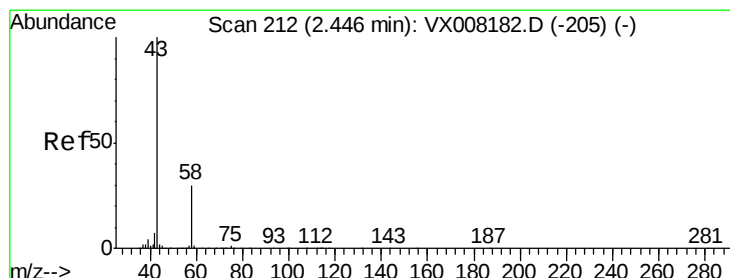
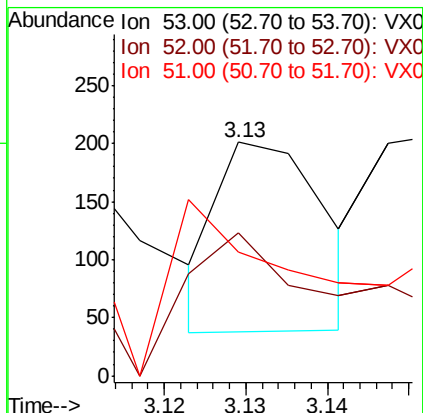
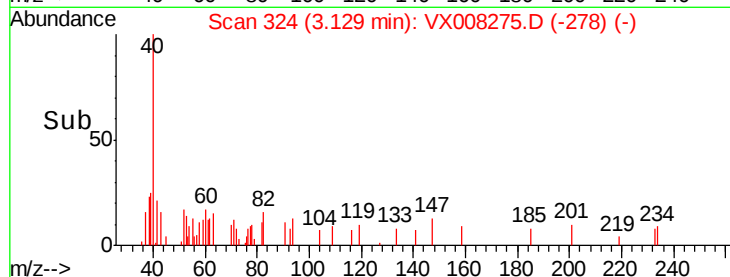
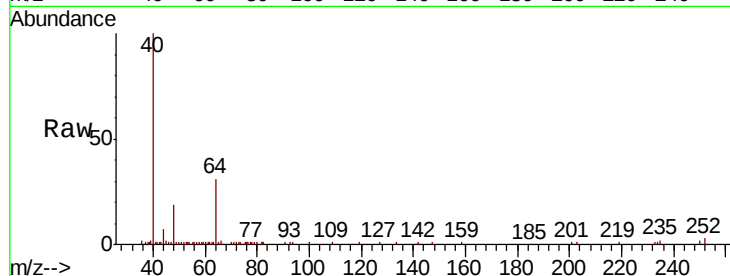
Tot Ion: 53 Resp: 148

Ion Ratio Lower Upper

53 100

52 88.5 66.0 99.0

51 125.7 28.0 42.0#



#16

Acetone

Concen: 2.320 ug/l

RT: 2.42 min Scan# 208

Delta R.T. -0.02 min

Lab File: VX008275.D

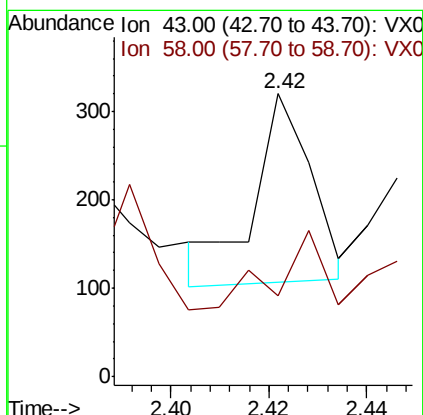
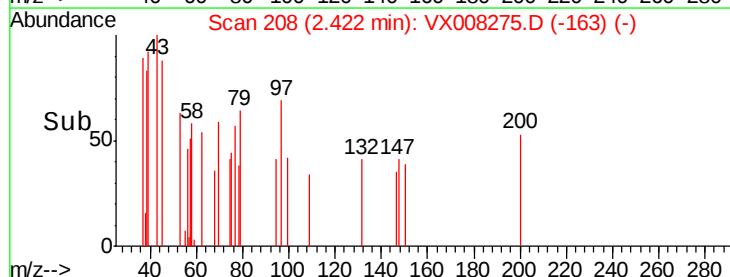
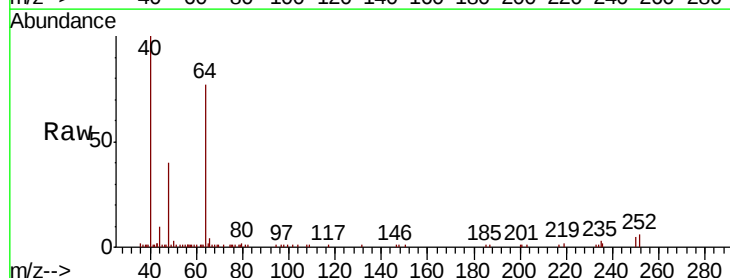
Acq: 21 Mar 2019 05:46

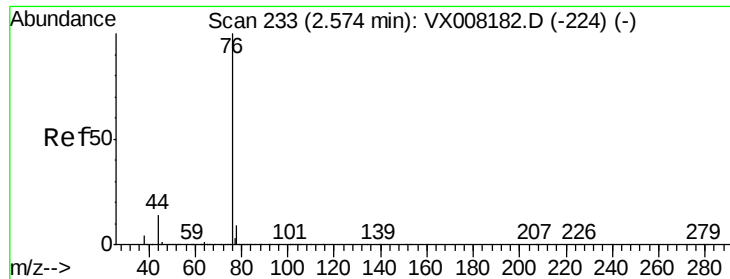
Tgt Ion: 43 Resp: 172

Ion Ratio Lower Upper

43 100

58 9.1 25.5 38.3#

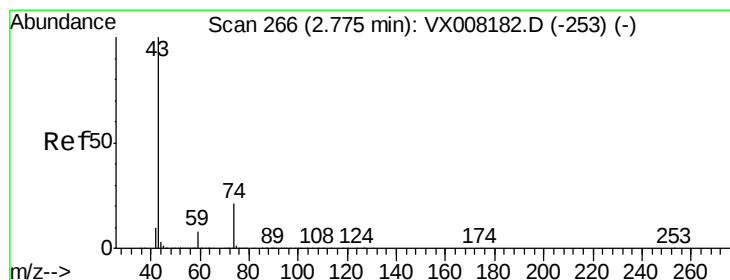
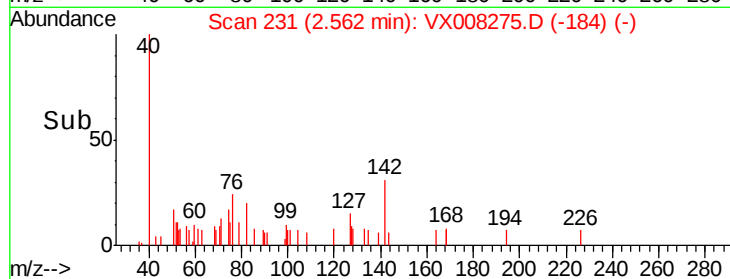
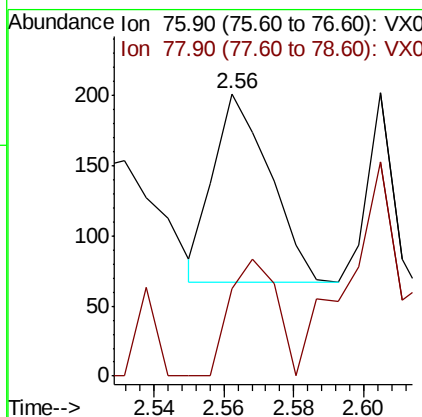
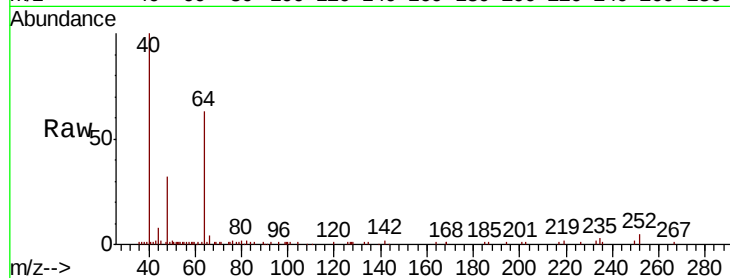




#17
Carbon Disulfide
Concen: 1.106 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

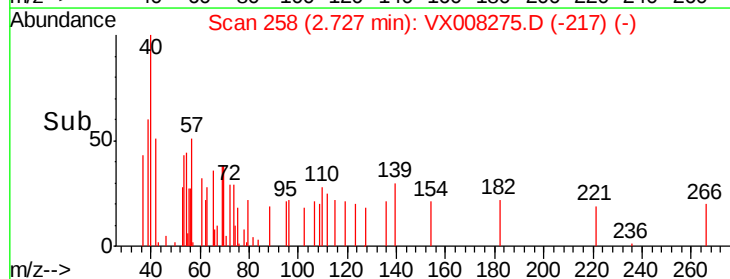
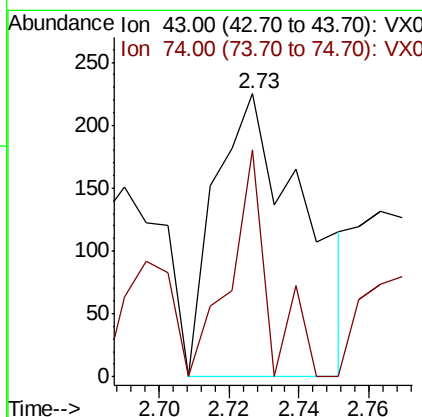
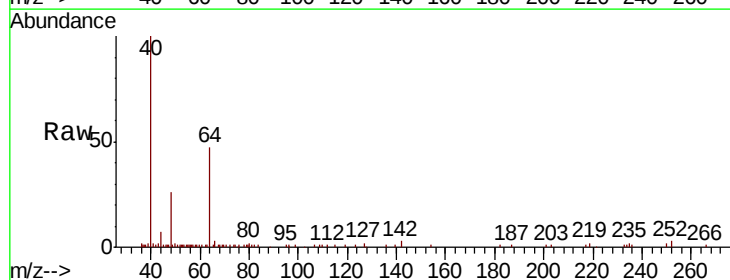
Instrument :
MSVOA_X
ClientSampleId :
M4-T4-OZ(POST-HYPO)

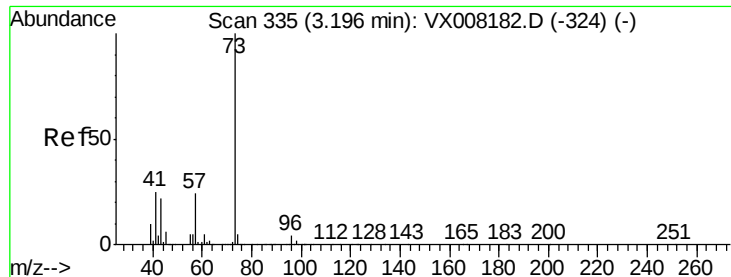
Tot Ion: 76 Resp: 150
Ion Ratio Lower Upper
76 100
78 46.3 7.2 10.8#



#18
Methyl Acetate
Concen: 2.308 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.05 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
74 34.8 17.8 26.6#



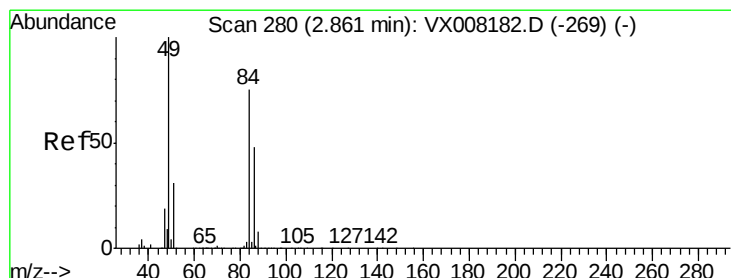
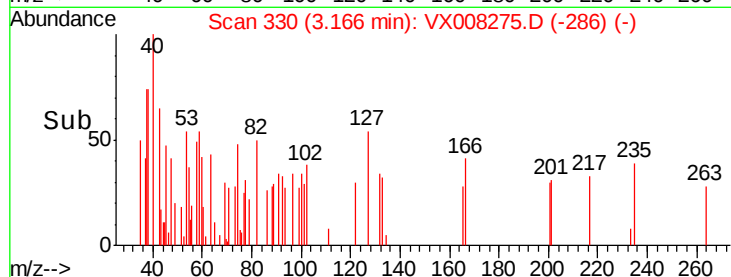
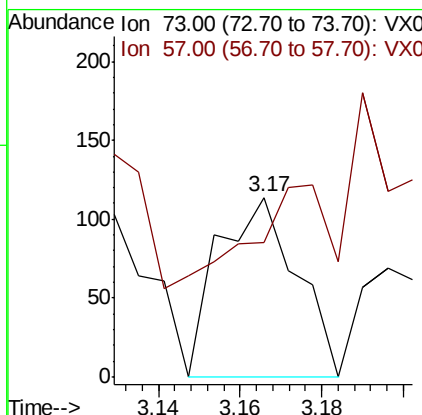
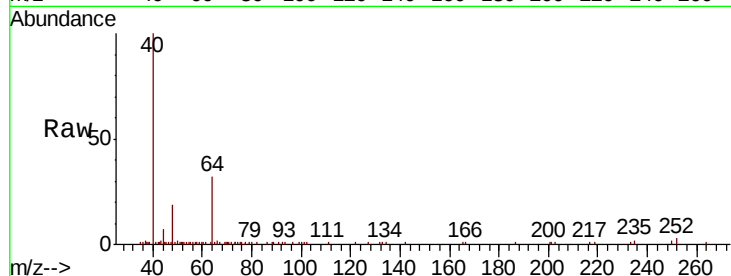


#19

Methyl tert-butyl Ether
 Concen: 0.399 ug/l
 RT: 3.17 min Scan# 330
 Delta R.T. -0.03 min
 Lab File: VX008275.D
 Acq: 21 Mar 2019 05:46

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T4-OZ(POST-HYPO)

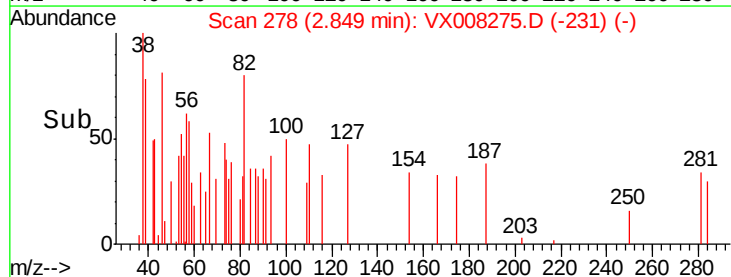
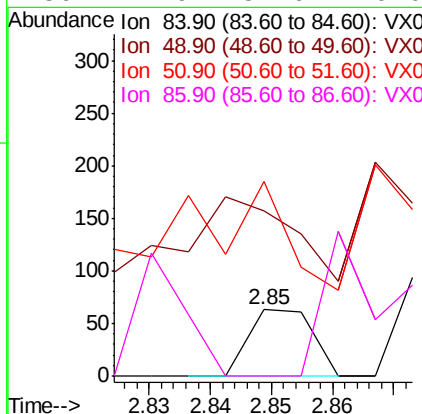
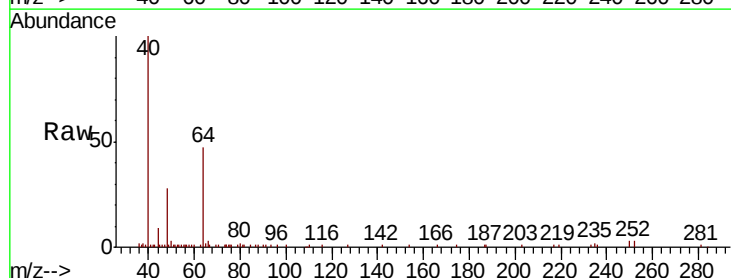
Tot Ion: 73 Resp: 152
 Ion Ratio Lower Upper
 73 100
 57 106.1 18.2 27.4#

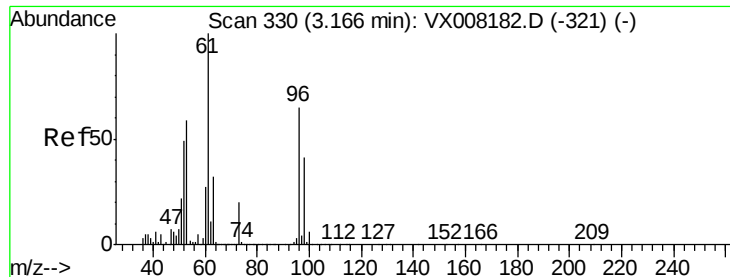


#20

Methylene Chloride
 Concen: 0.364 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.01 min
 Lab File: VX008275.D
 Acq: 21 Mar 2019 05:46

Tgt Ion: 84 Resp: 45
 Ion Ratio Lower Upper
 84 100
 49 106.3 99.3 148.9
 51 163.5 31.3 46.9#
 86 7.9 52.6 79.0#





#21

trans-1,2-Dichloroethene

Concen: 0.624 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

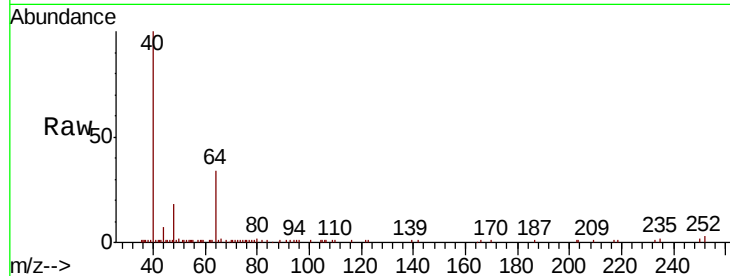
Tot Ion: 96 Resp: 71

Ion Ratio Lower Upper

96 100

61 0.0 114.4 171.6#

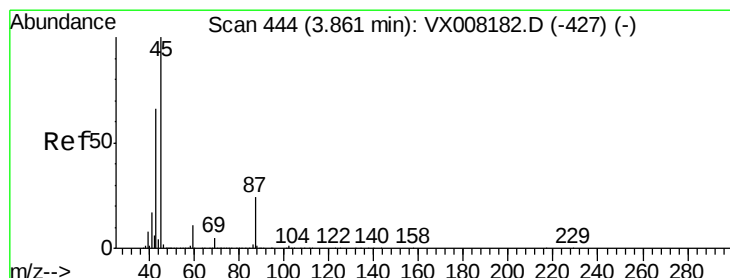
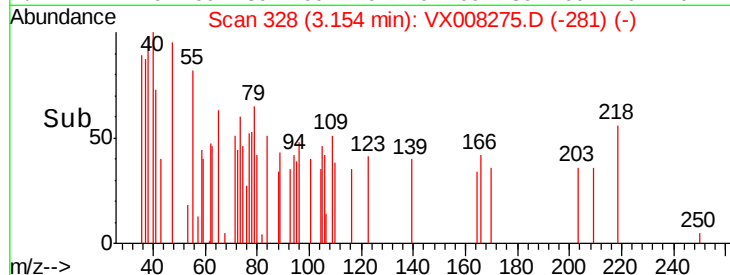
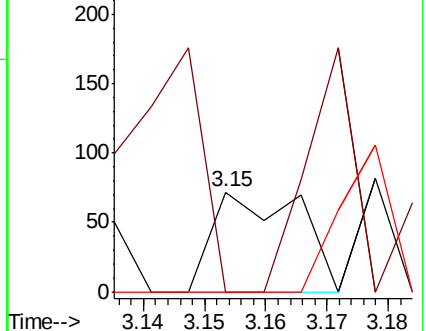
98 0.0 51.1 76.7#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.212 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.02 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Tgt Ion: 45 Resp: 95

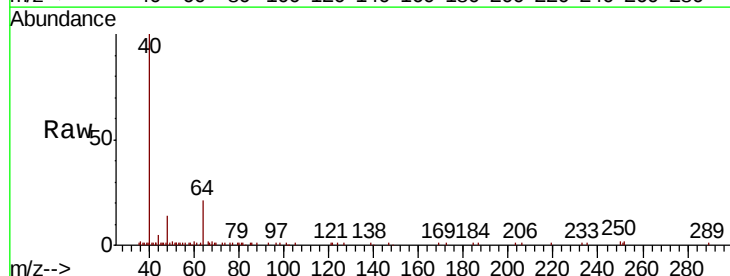
Ion Ratio Lower Upper

45 100

43 30.6 45.3 67.9#

87 0.0 21.4 32.0#

59 54.1 9.5 14.3#

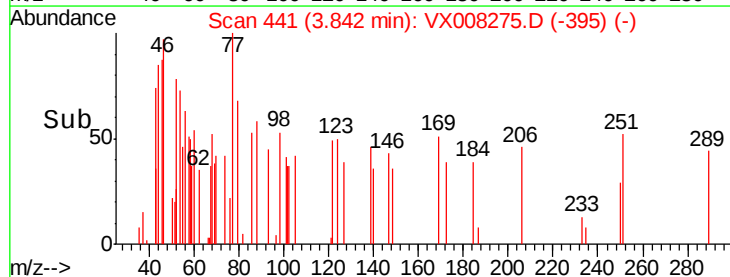
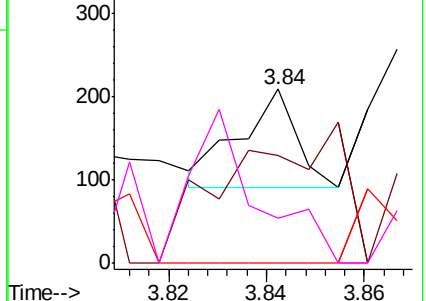


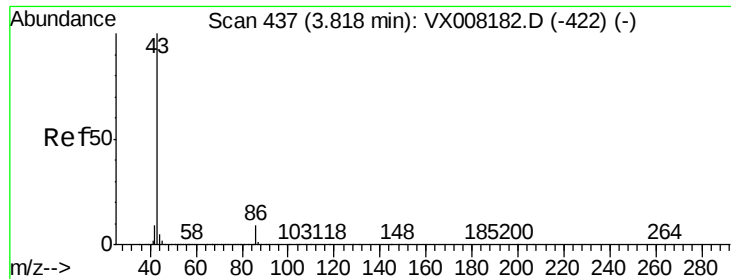
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 0.216 ug/l

RT: 3.79 min Scan# 432

Delta R.T. -0.03 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

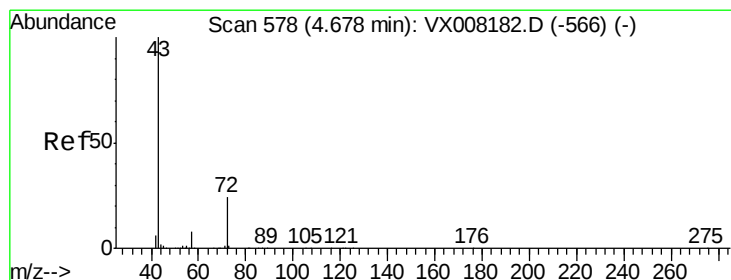
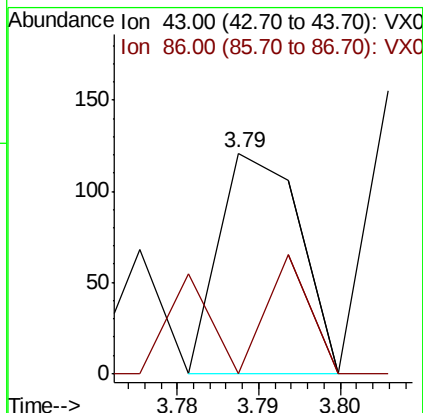
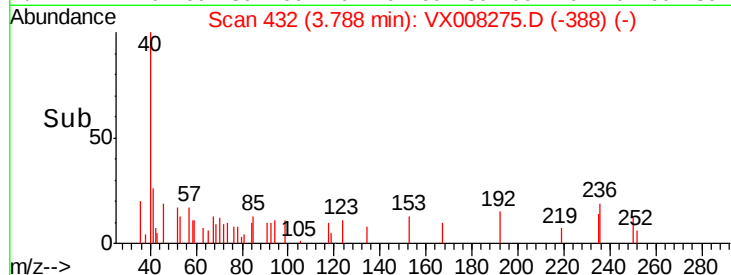
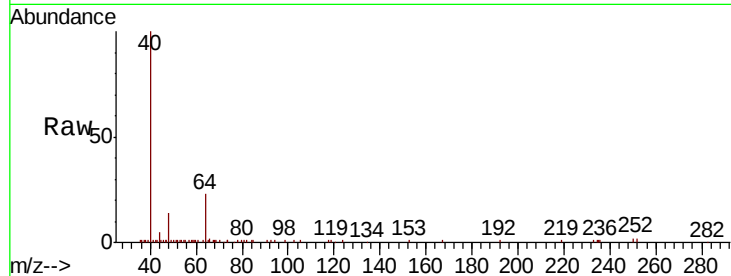
M4-T4-OZ(POST-HYPO)

Tot Ion: 43 Resp: 83

Ion Ratio Lower Upper

43 100

86 0.0 7.9 11.9#



#25

2-Butanone

Concen: 1.279 ug/l

RT: 4.63 min Scan# 571

Delta R.T. -0.04 min

Lab File: VX008275.D

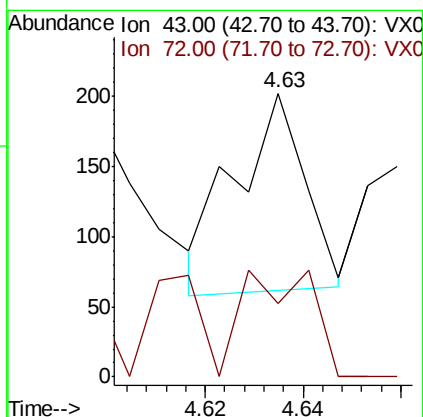
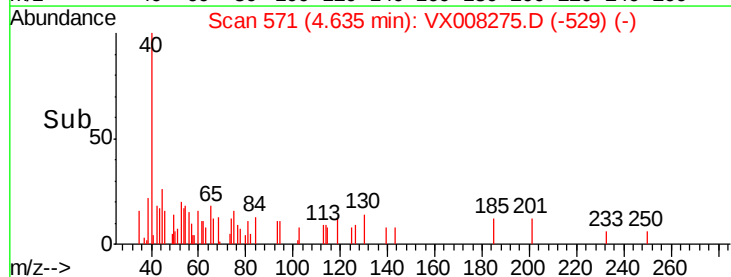
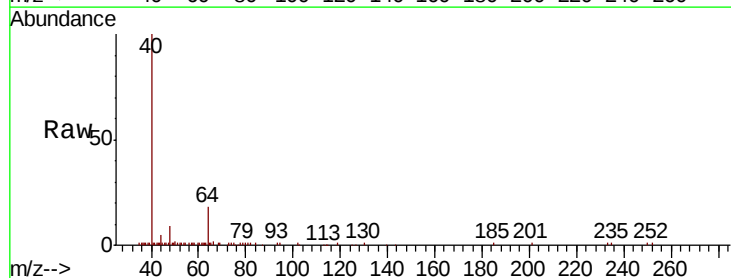
Acq: 21 Mar 2019 05:46

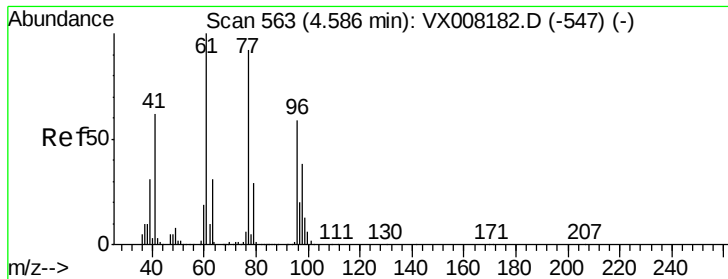
Tgt Ion: 43 Resp: 140

Ion Ratio Lower Upper

43 100

72 39.7 19.9 29.9#





#26

2,2-Dichloropropane

Concen: 0.805 ug/l

RT: 4.44 min Scan# 539

Delta R.T. -0.15 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

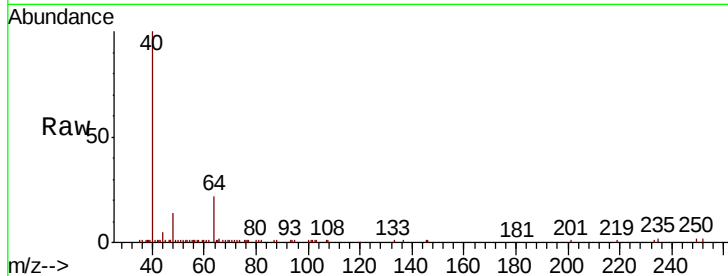
M4-T4-OZ(POST-HYPO)

Tot Ion: 77 Resp: 140

Ion Ratio Lower Upper

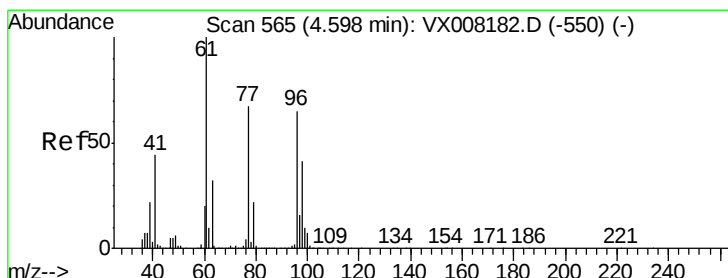
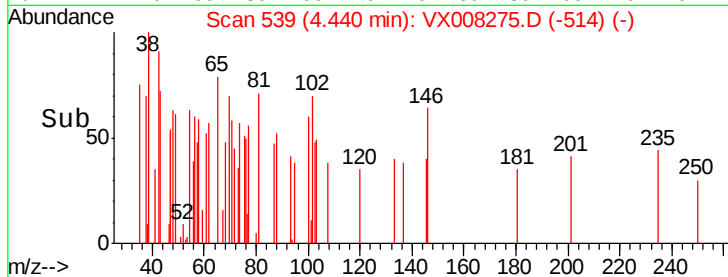
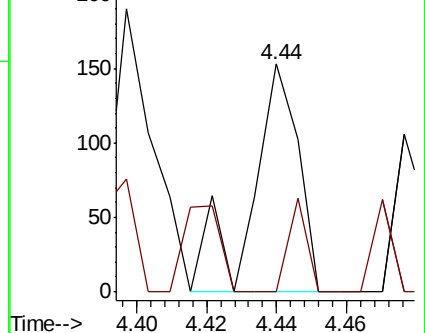
77 100

97 16.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.301 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.02 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

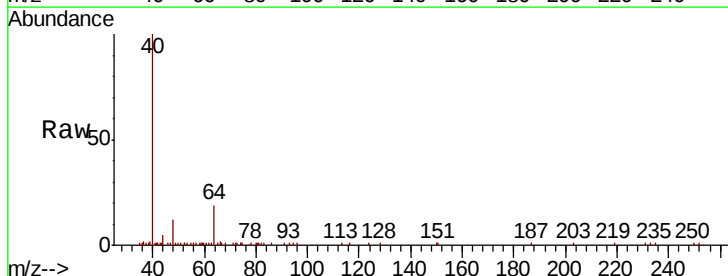
Tgt Ion: 96 Resp: 39

Ion Ratio Lower Upper

96 100

61 228.2 0.0 288.0

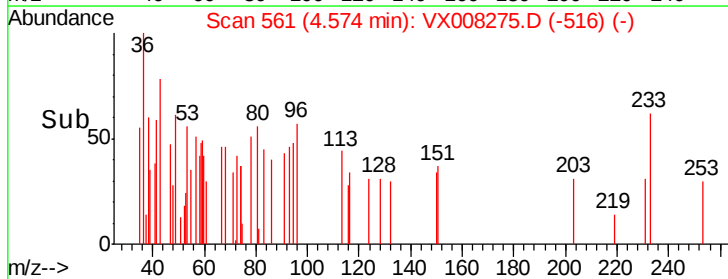
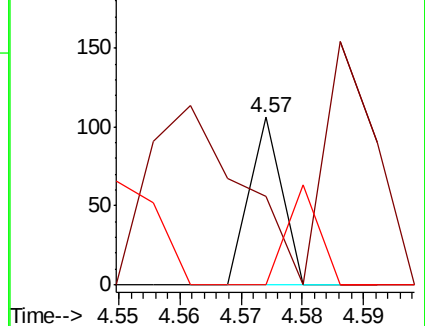
98 59.0 0.0 129.0

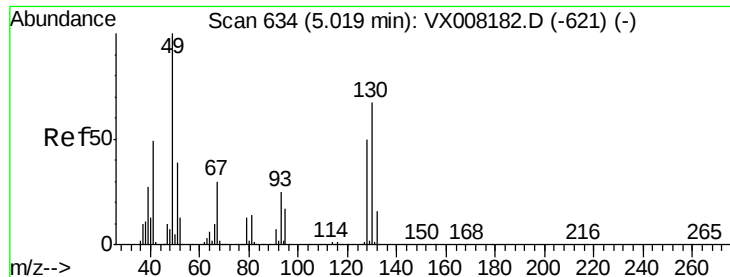


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 1.129 ug/l

RT: 4.99 min Scan# 629

Delta R.T. -0.03 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

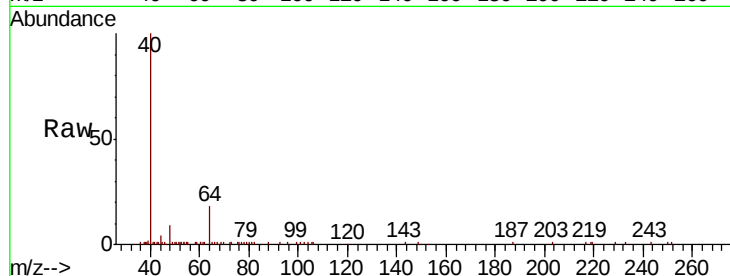
Tot Ion: 49 Resp: 117

Ion Ratio Lower Upper

49 100

129 17.9 0.0 4.0#

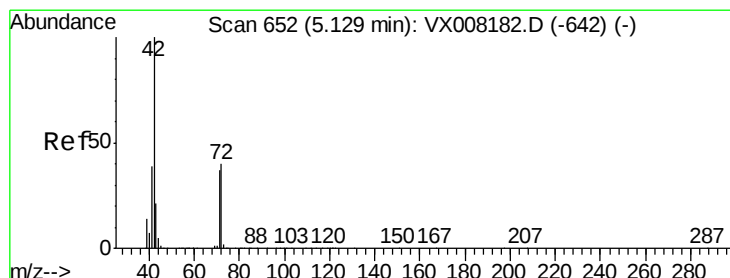
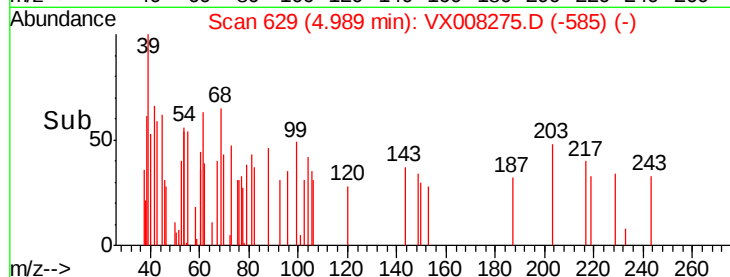
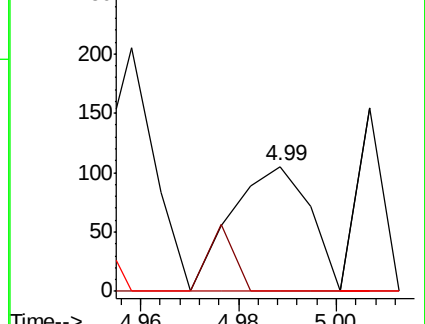
130 0.0 65.0 97.4#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 5.789 ug/l

RT: 5.10 min Scan# 647

Delta R.T. -0.03 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

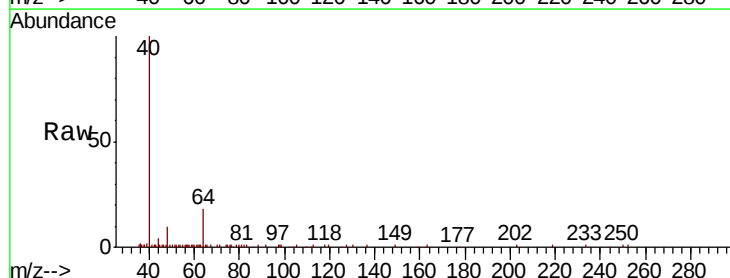
Tgt Ion: 42 Resp: 396

Ion Ratio Lower Upper

42 100

72 18.2 33.8 50.6#

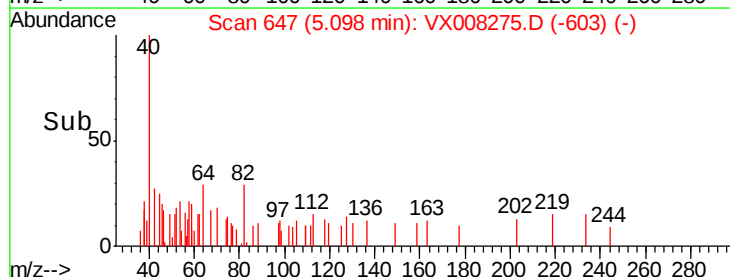
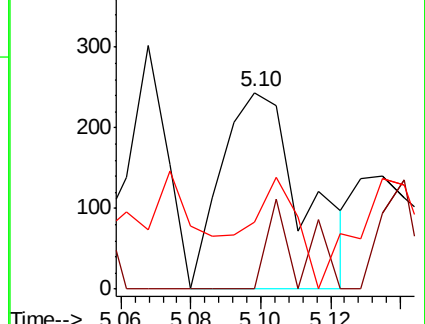
71 35.1 31.5 47.3

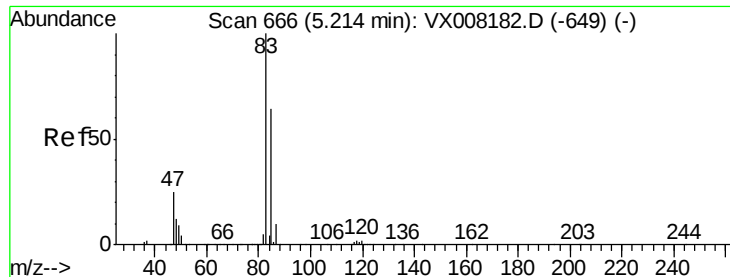


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

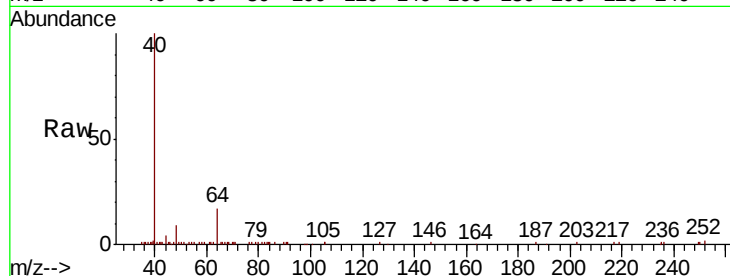




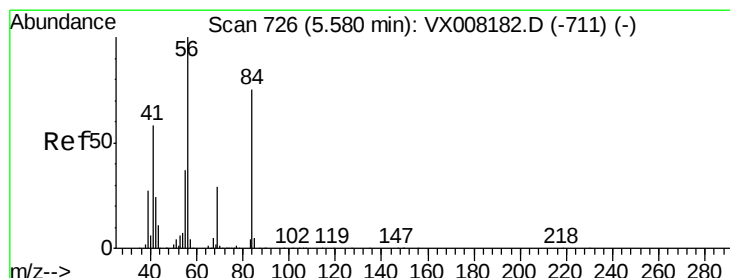
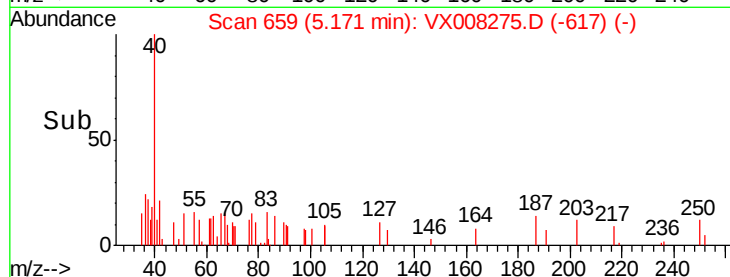
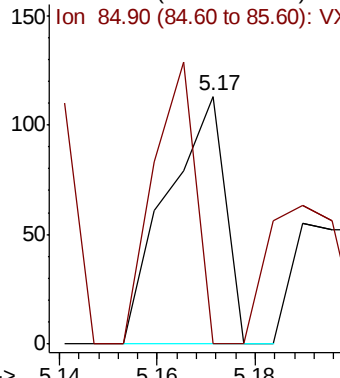
#30
Chloroform
Concen: 0.431 ug/l
RT: 5.17 min Scan# 659
Delta R.T. -0.04 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

Instrument :
MSVOA_X
ClientSampleId :
M4-T4-OZ(POST-HYPO)

Tot Ion: 83 Resp: 93
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.6#

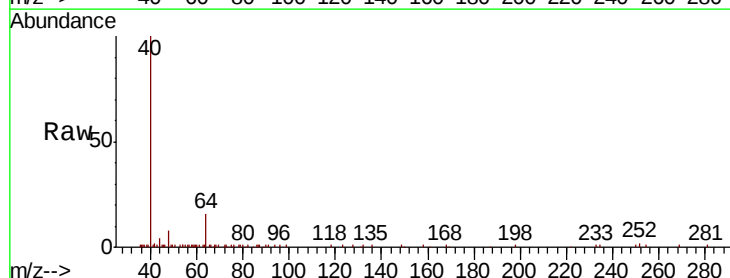


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

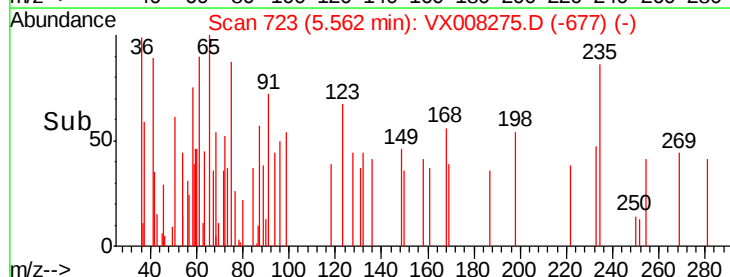
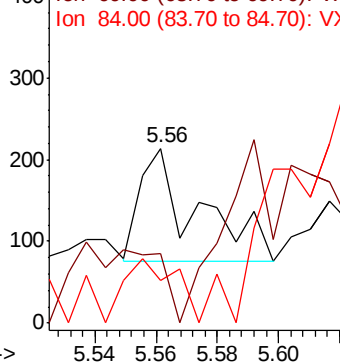


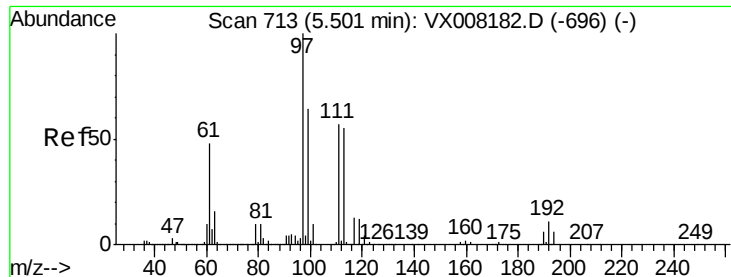
#31
Cyclohexane
Concen: 0.835 ug/l
RT: 5.56 min Scan# 723
Delta R.T. -0.02 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
69 0.0 24.0 36.0#
84 0.0 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#32

1,1,1-Trichloroethane

Concen: 0.434 ug/l

RT: 5.45 min Scan# 704

Delta R.T. -0.05 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

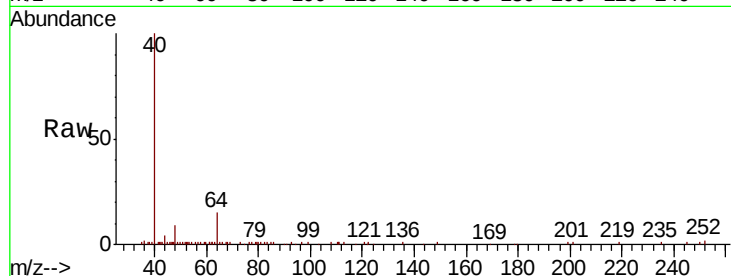
Tot Ion: 97 Resp: 78

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

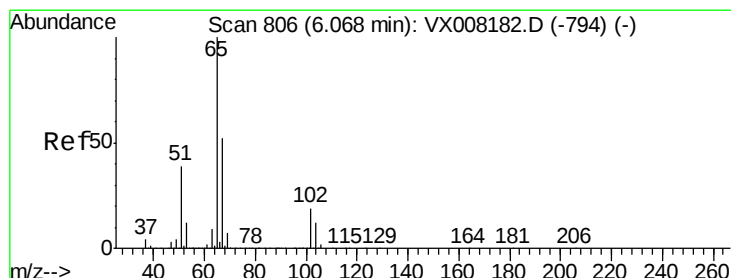
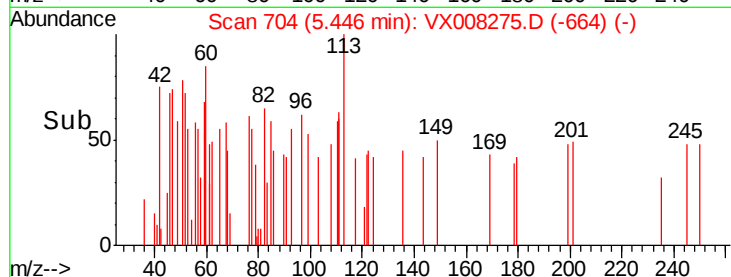
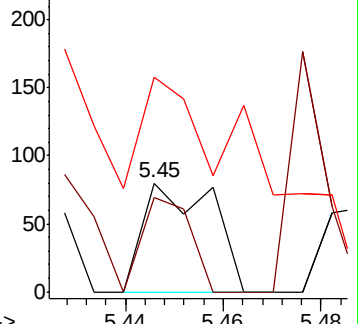
61 344.9 34.9 52.3#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 3.259 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX008275.D

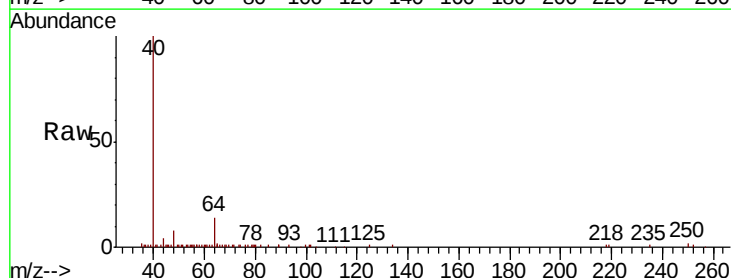
Acq: 21 Mar 2019 05:46

Tgt Ion: 65 Resp: 426

Ion Ratio Lower Upper

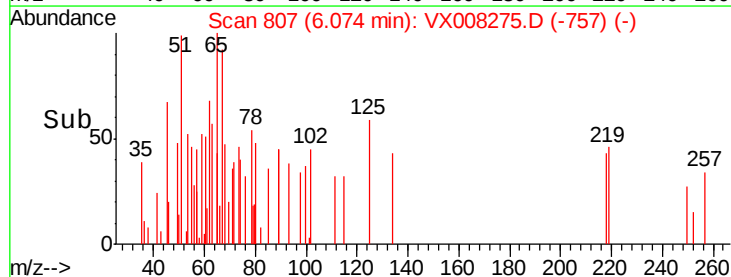
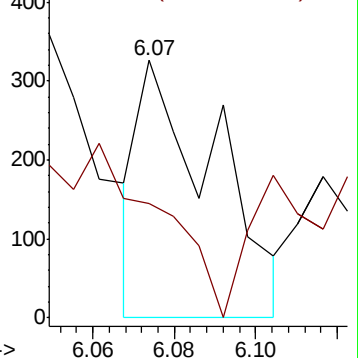
65 100

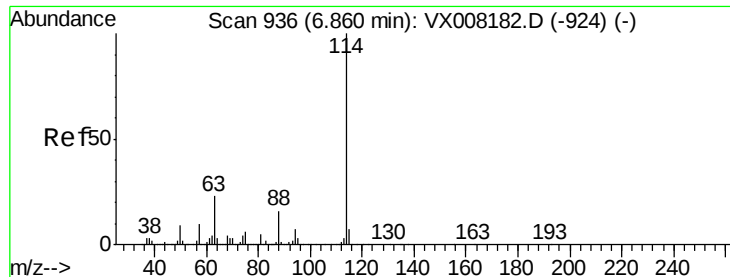
67 93.9 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 933

Delta R.T. -0.02 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

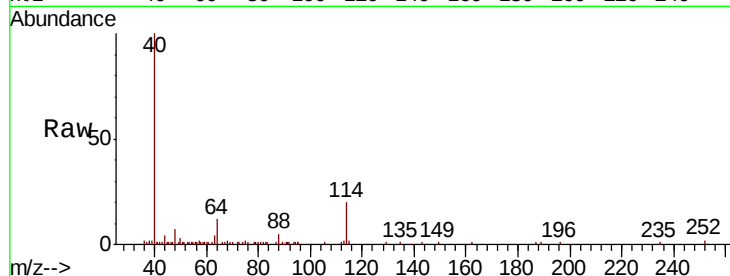
Tot Ion:114 Resp: 7010

Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.8

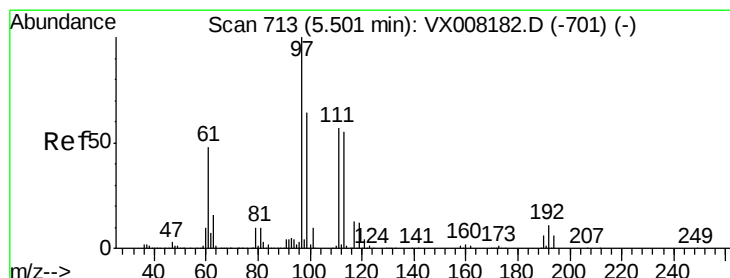
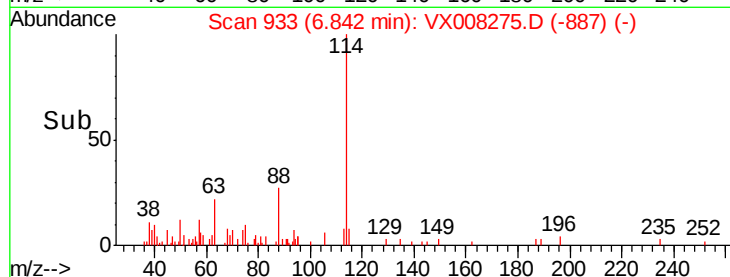
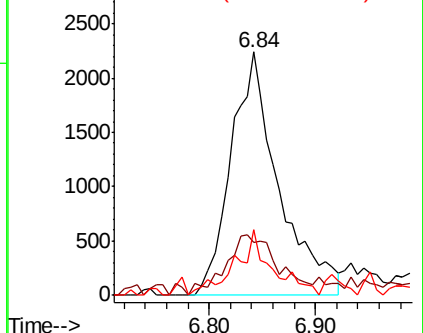
88 23.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 2.024 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

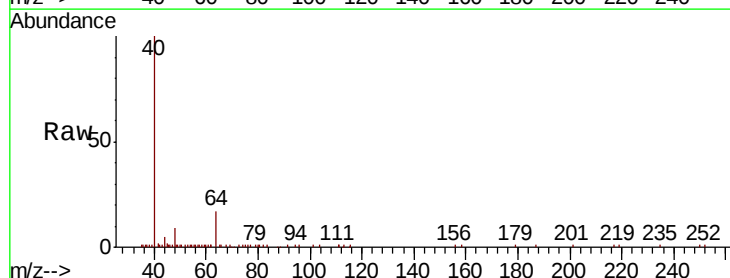
Tgt Ion:113 Resp: 95

Ion Ratio Lower Upper

113 100

111 223.2 81.4 122.0#

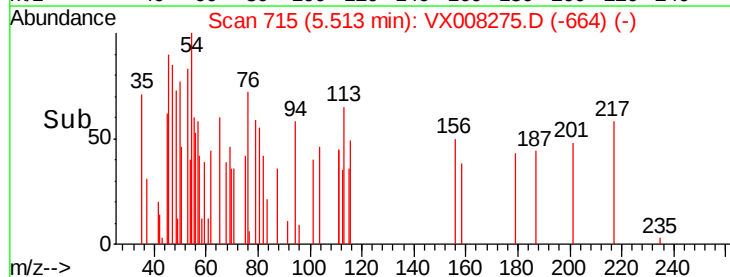
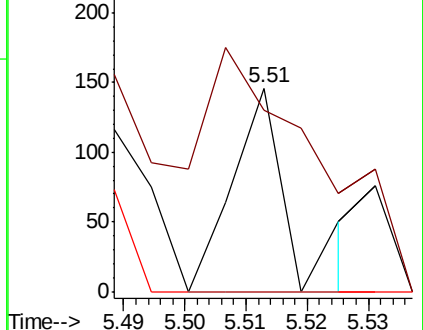
192 0.0 19.4 29.0#

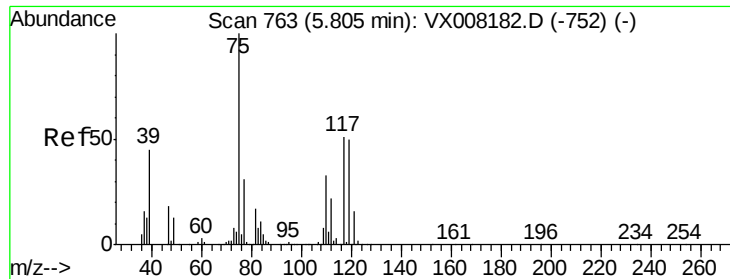


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 2.230 ug/l

RT: 5.82 min Scan# 765

Delta R.T. 0.01 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

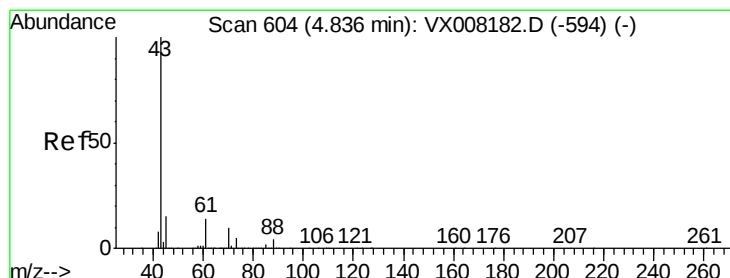
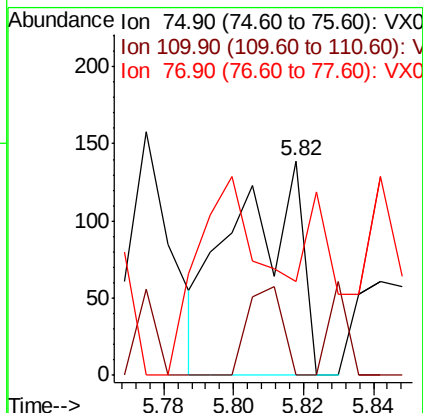
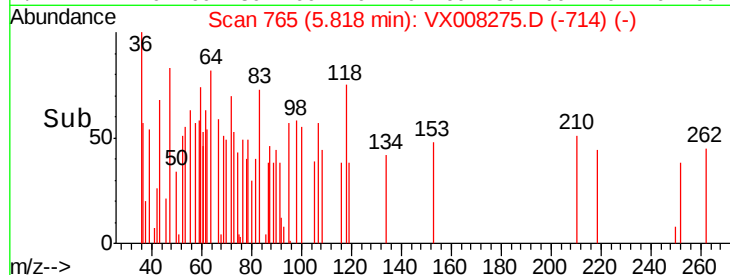
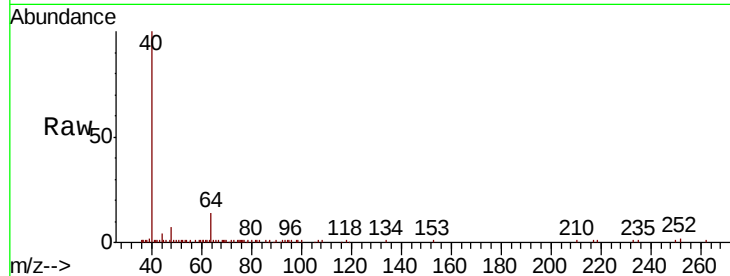
Tot Ion: 75 Resp: 182

Ion Ratio Lower Upper

75 100

110 21.4 18.4 55.0

77 101.1 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.238 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

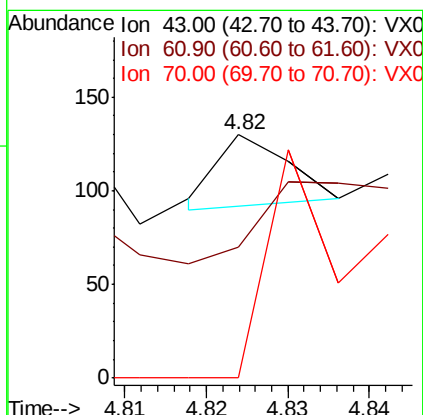
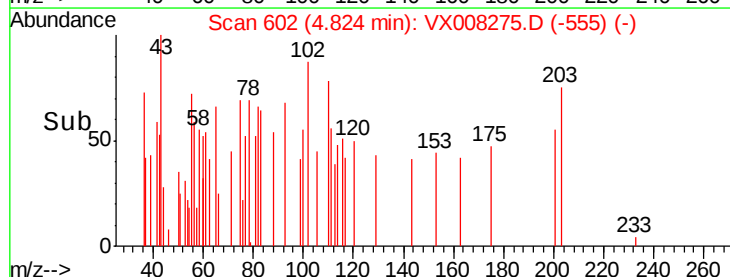
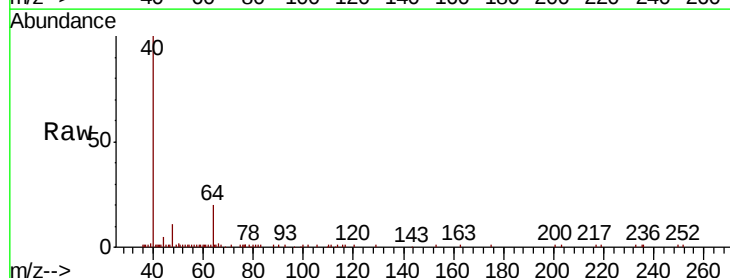
Tgt Ion: 43 Resp: 23

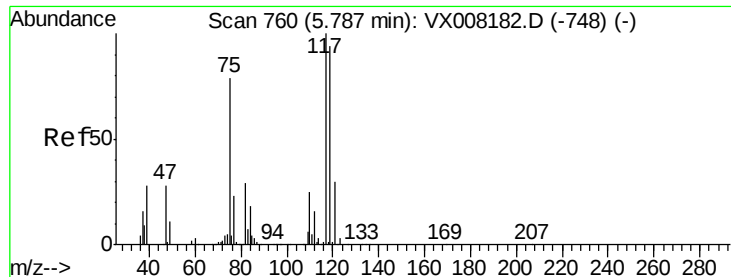
Ion Ratio Lower Upper

43 100

61 382.6 11.3 16.9#

70 273.9 8.5 12.7#





#38

Carbon Tetrachloride

Concen: 1.471 ug/l

RT: 5.73 min Scan# 750

Delta R.T. -0.06 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

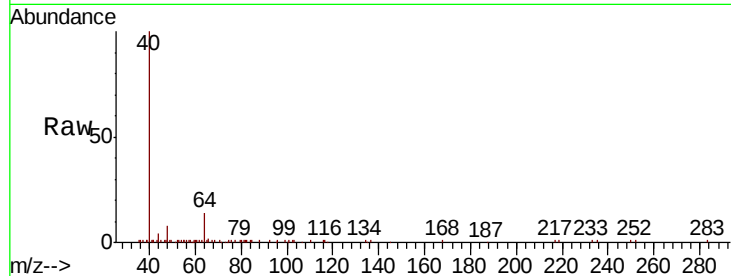
Tot Ion:117 Resp: 107

Ion Ratio Lower Upper

117 100

119 0.0 76.2 114.2#

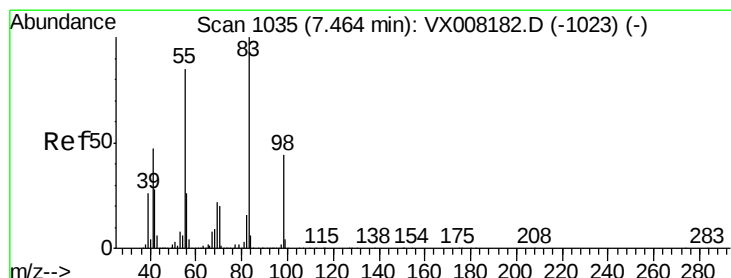
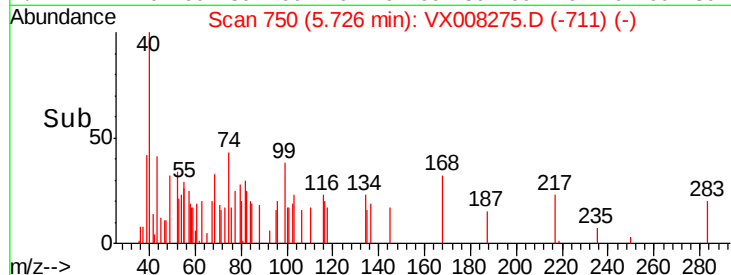
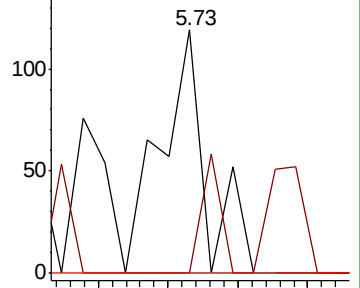
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.527 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

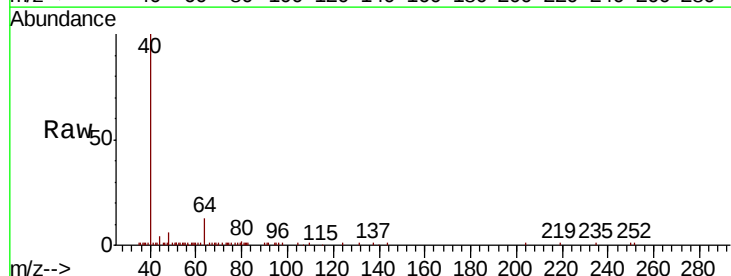
Tgt Ion: 83 Resp: 150

Ion Ratio Lower Upper

83 100

55 33.3 60.4 90.6#

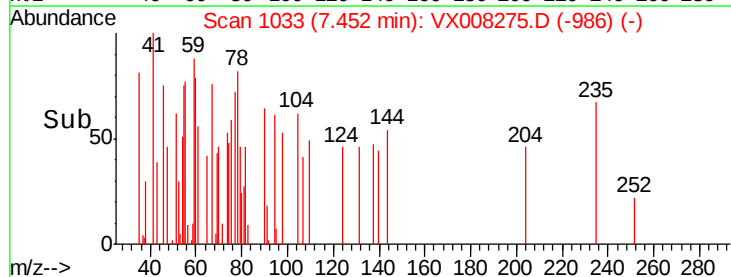
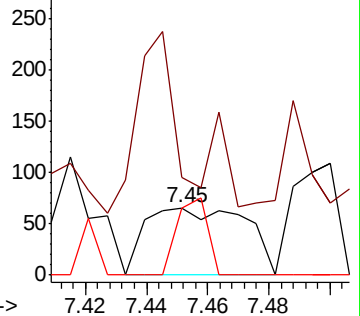
98 98.5 36.5 54.7#

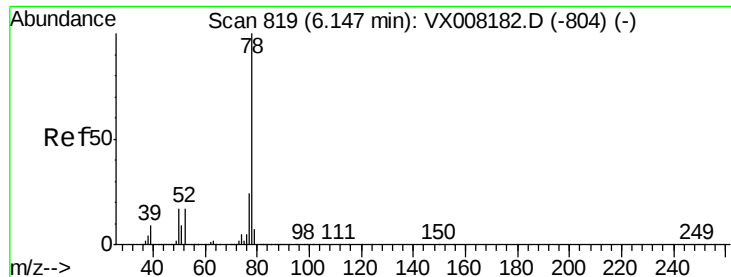


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.911 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

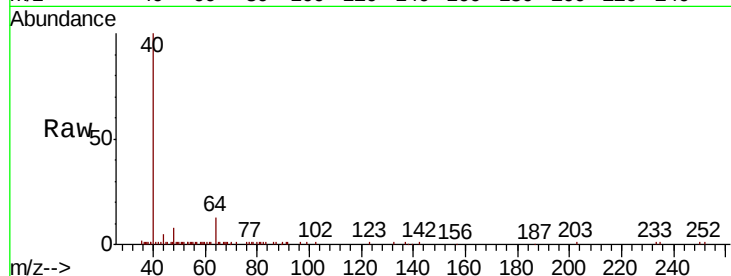
M4-T4-OZ(POST-HYPO)

Tot Ion: 78 Resp: 220

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.4#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.13

200

150

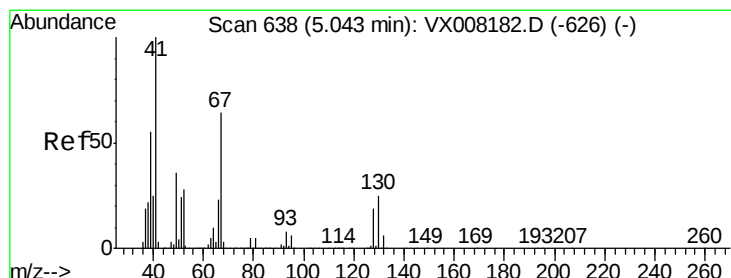
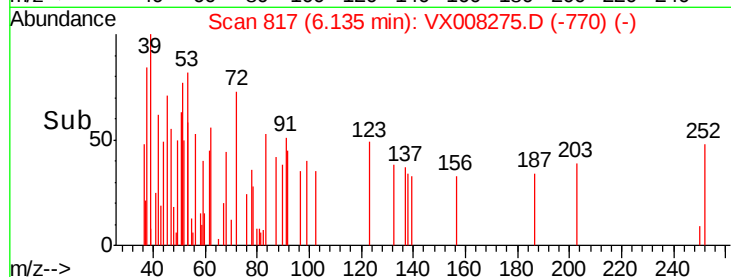
100

50

0

6.10 6.12 6.14 6.16

Time-->



#41

Methacrylonitrile

Concen: 2.920 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Tgt Ion: 41 Resp: 158

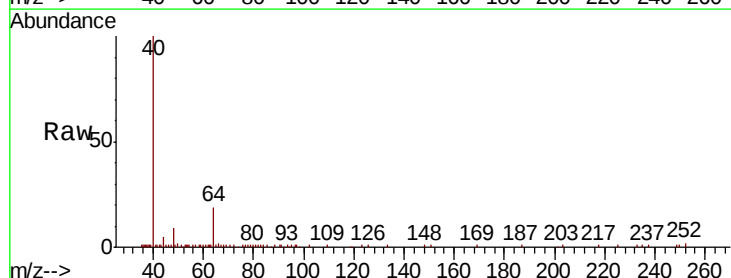
Ion Ratio Lower Upper

41 100

39 0.0 41.6 62.4#

67 139.2 55.8 83.6#

52 0.0 21.7 32.5#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

400

300

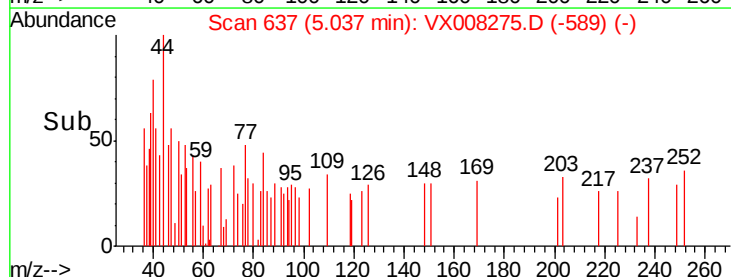
200

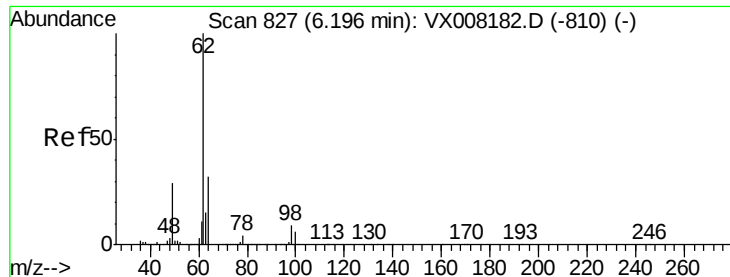
100

0

5.02 5.03 5.04 5.05

Time-->





#42

1,2-Dichloroethane

Concen: 2.791 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.05 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

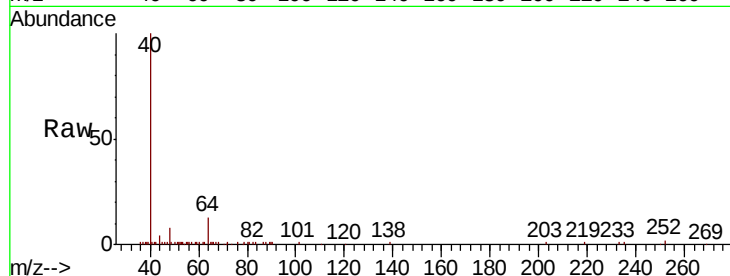
M4-T4-OZ(POST-HYPO)

Tot Ion: 62 Resp: 247

Ion Ratio Lower Upper

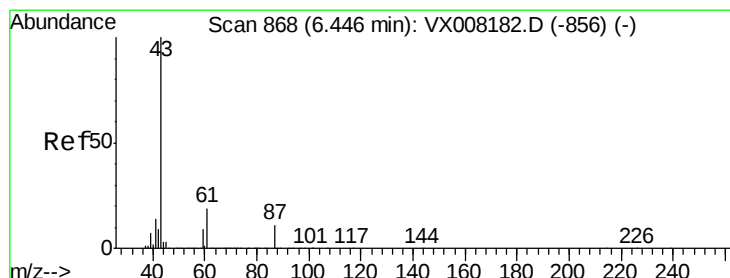
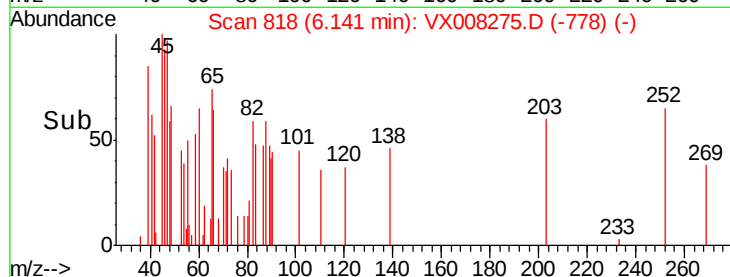
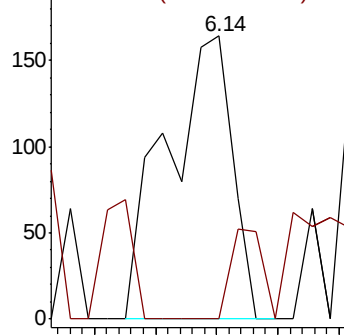
62 100

98 15.4 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 0.750 ug/l

RT: 6.40 min Scan# 861

Delta R.T. -0.04 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

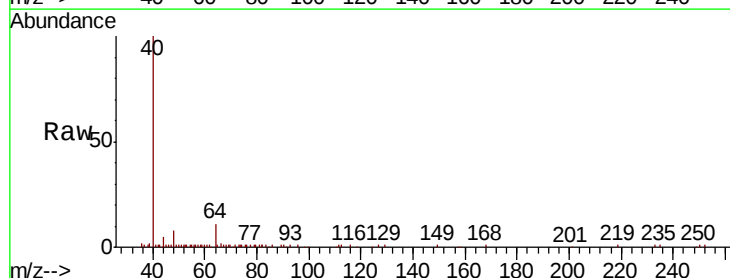
Tgt Ion: 43 Resp: 116

Ion Ratio Lower Upper

43 100

61 100.0 16.3 24.5#

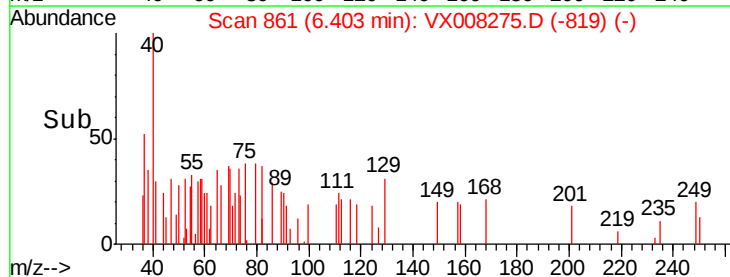
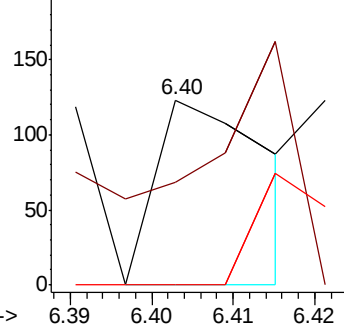
87 56.9 10.5 15.7#

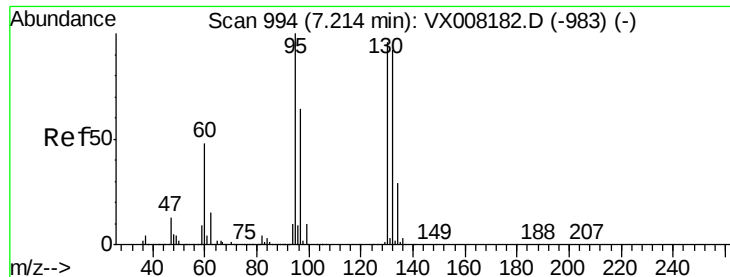


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.745 ug/l

RT: 7.23 min Scan# 997

Delta R.T. 0.02 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

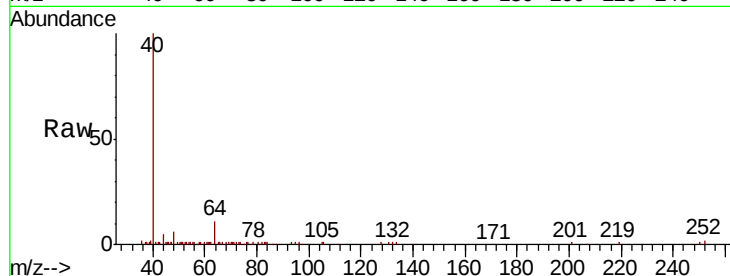
M4-T4-OZ(POST-HYPO)

Tot Ion:130 Resp: 44

Ion Ratio Lower Upper

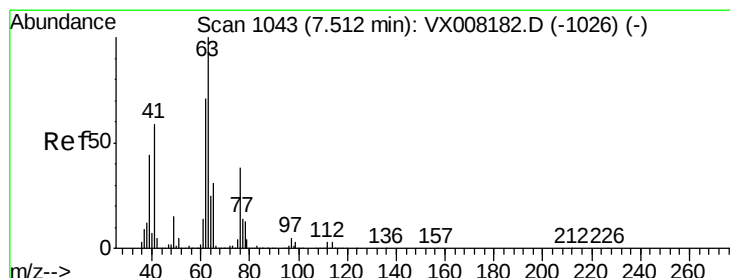
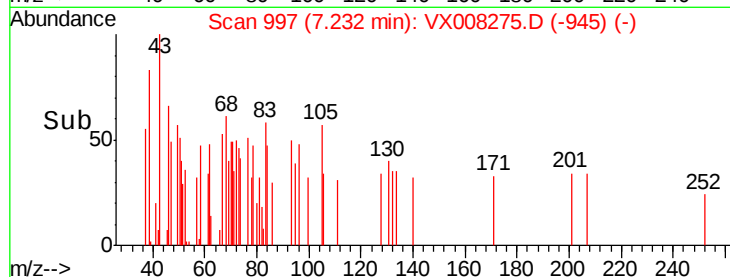
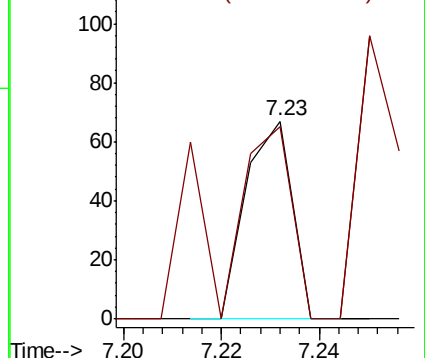
130 100

95 97.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 4.081 ug/l

RT: 7.48 min Scan# 1037

Delta R.T. -0.04 min

Lab File: VX008275.D

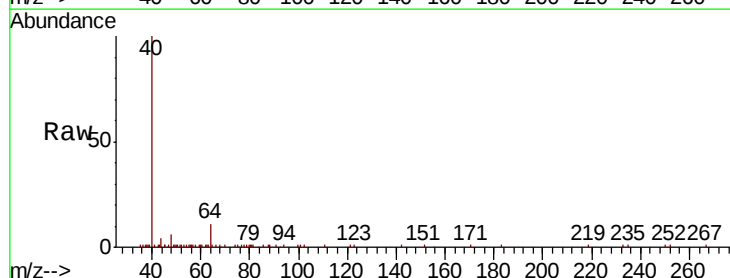
Acq: 21 Mar 2019 05:46

Tgt Ion: 63 Resp: 276

Ion Ratio Lower Upper

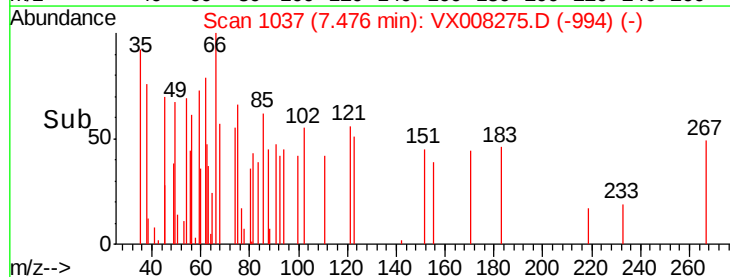
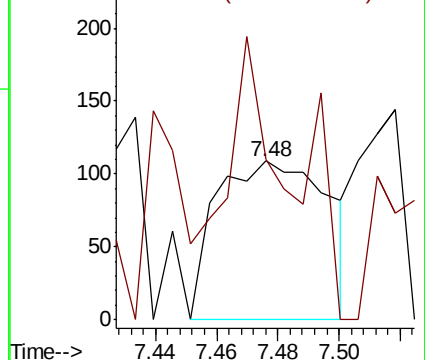
63 100

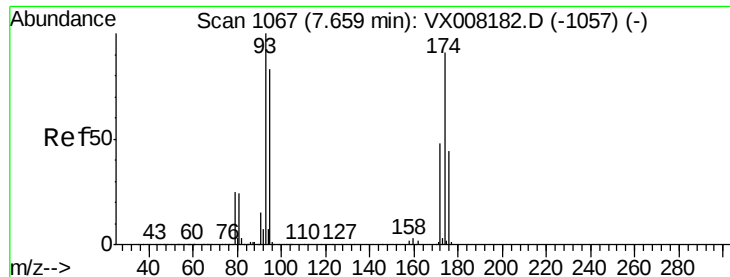
65 100.9 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.464 ug/l

RT: 7.62 min Scan# 1060

Delta R.T. -0.04 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

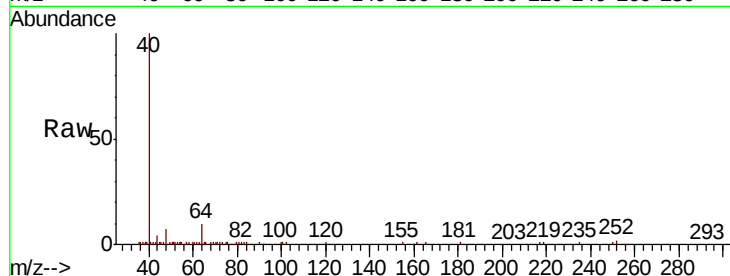
Tot Ion: 93 Resp: 19

Ion Ratio Lower Upper

93 100

95 0.0 66.8 100.2#

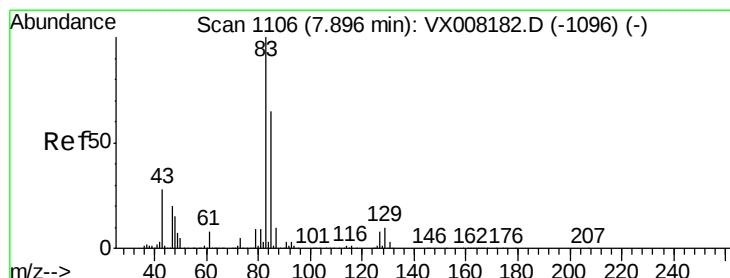
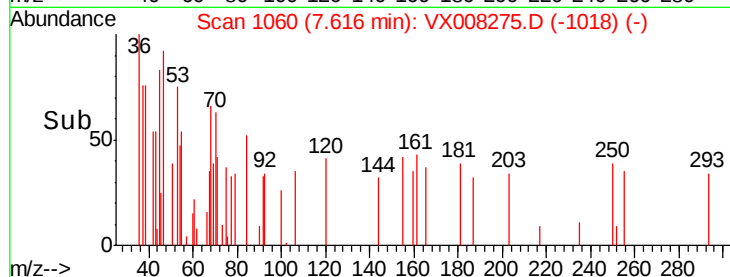
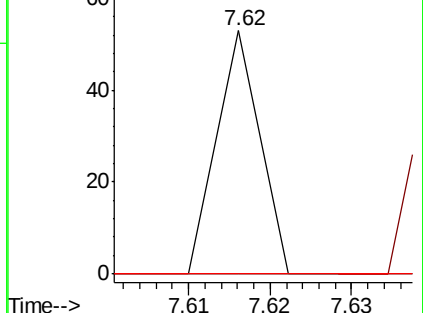
174 0.0 97.3 145.9#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 1.064 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

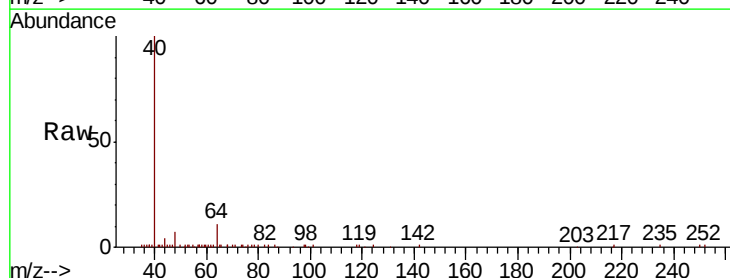
Tgt Ion: 83 Resp: 83

Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

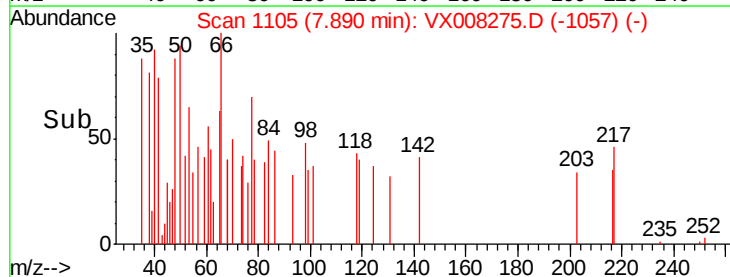
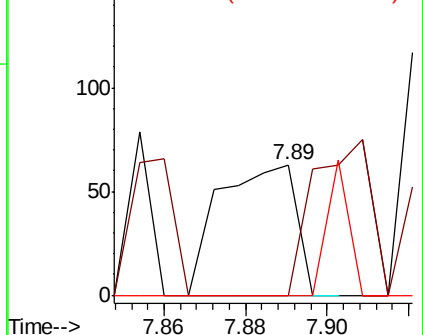
127 0.0 7.4 11.0#

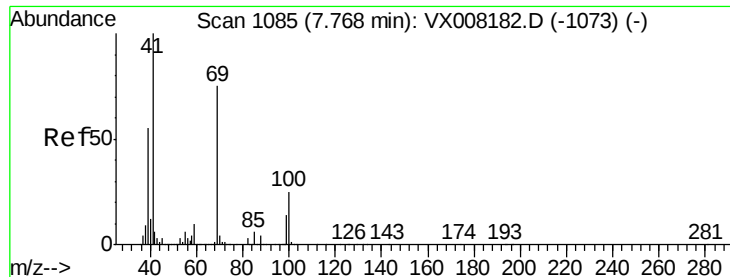


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

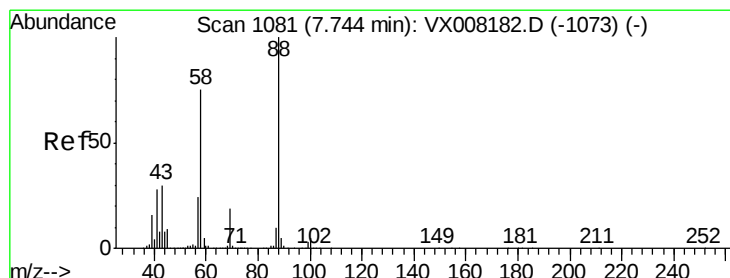
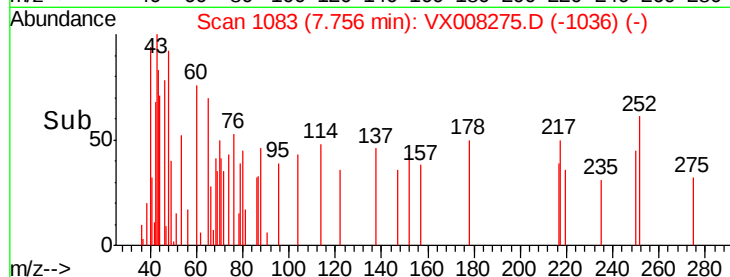
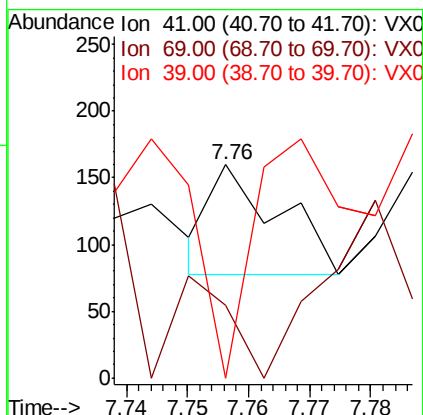
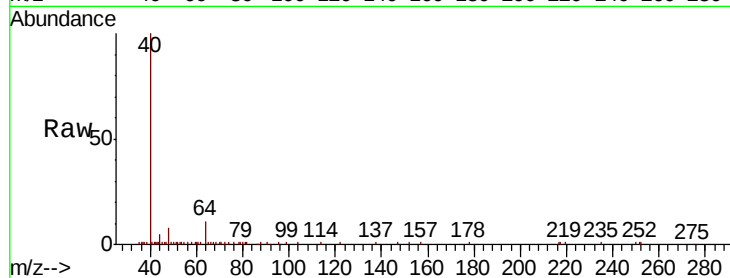




#48
Methyl methacrylate
Concen: 0.766 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.01 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

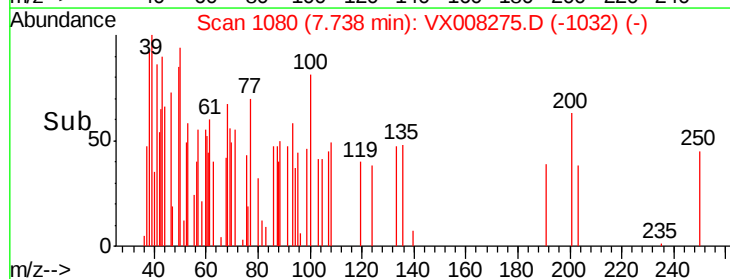
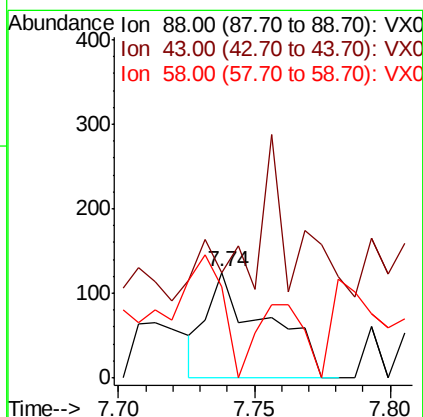
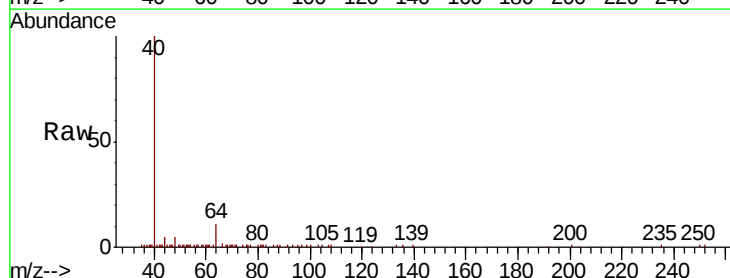
Instrument :
MSVOA_X
ClientSampleId :
M4-T4-OZ(POST-HYPO)

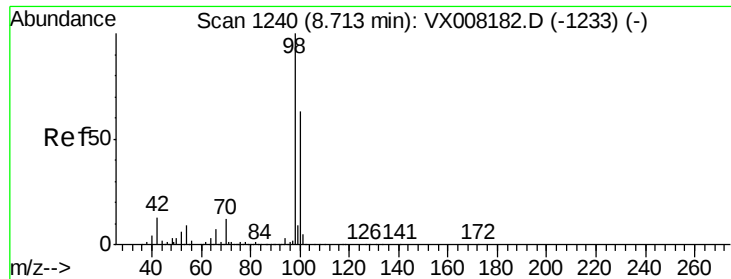
Tot Ion: 41 Resp: 63
Ion Ratio Lower Upper
41 100
69 211.1 65.2 97.8#
39 0.0 39.4 59.2#



#49
1,4-Dioxane
Concen: 130.255 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

Tgt Ion: 88 Resp: 189
Ion Ratio Lower Upper
88 100
43 25.4 25.1 37.7
58 71.4 57.8 86.6

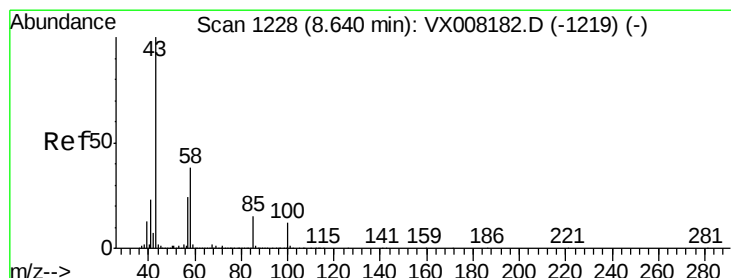
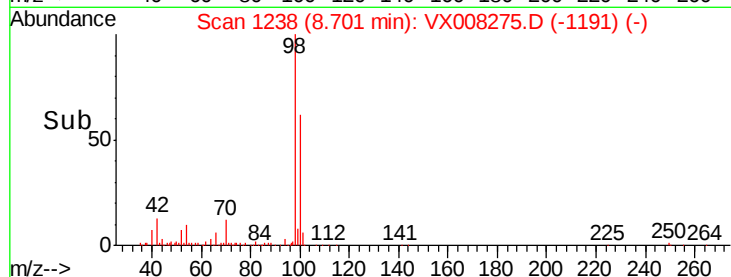
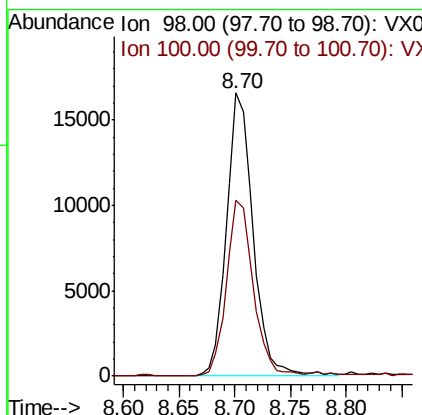
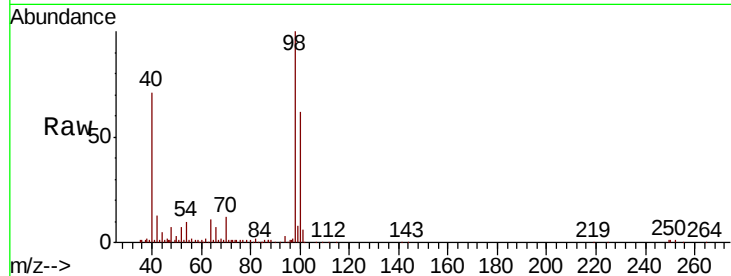




#50
Toluene-d8
Concen: 154.774 ug/l
RT: 8.70 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

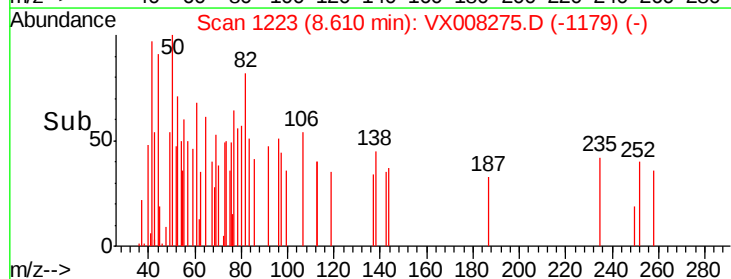
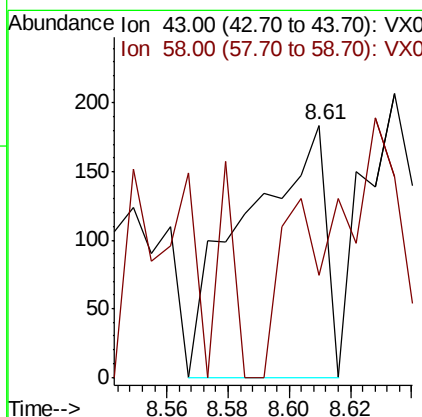
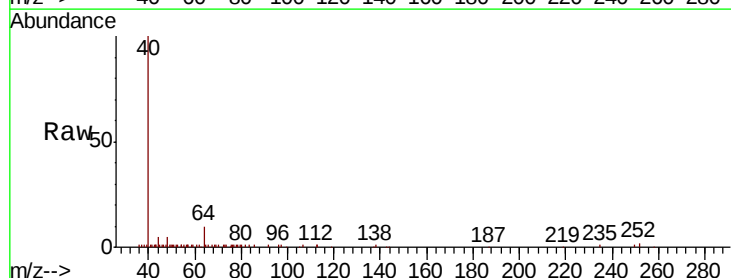
Instrument :
MSVOA_X
ClientSampleId :
M4-T4-OZ(POST-HYPO)

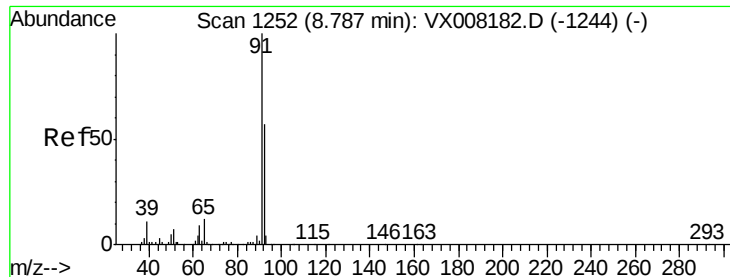
Tot Ion: 98 Resp: 27537
Ion Ratio Lower Upper
98 100
100 62.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 3.341 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

Tgt Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
58 34.4 31.3 46.9





#52

Toluene

Concen: 0.391 ug/l

RT: 8.89 min Scan# 1269

Delta R.T. 0.10 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

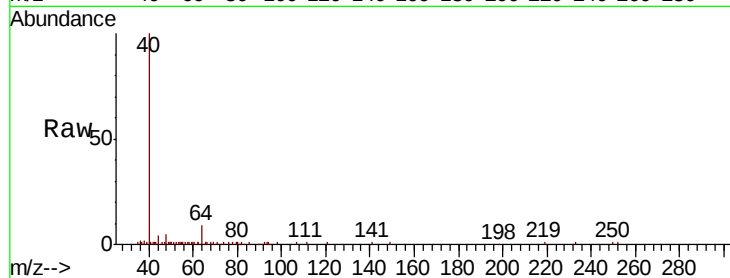
M4-T4-OZ(POST-HYPO)

Tot Ion: 92 Resp: 56

Ion Ratio Lower Upper

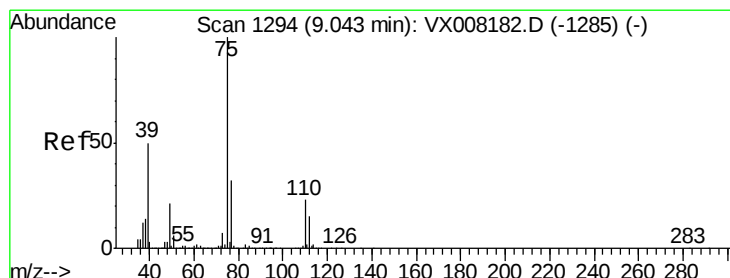
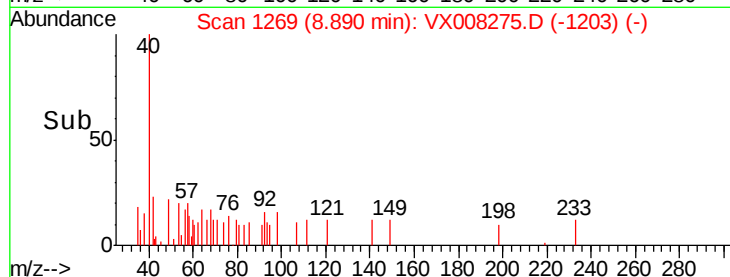
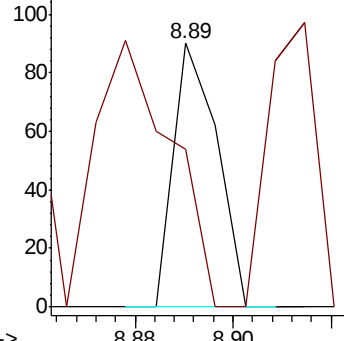
92 100

91 175.0 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 3.093 ug/l

RT: 9.01 min Scan# 1288

Delta R.T. -0.04 min

Lab File: VX008275.D

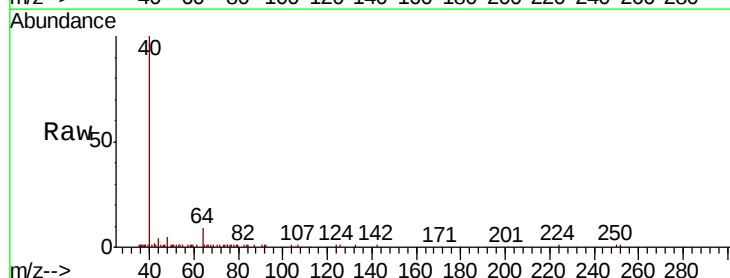
Acq: 21 Mar 2019 05:46

Tgt Ion: 75 Resp: 168

Ion Ratio Lower Upper

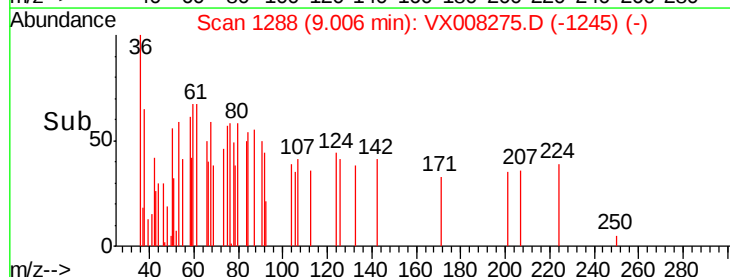
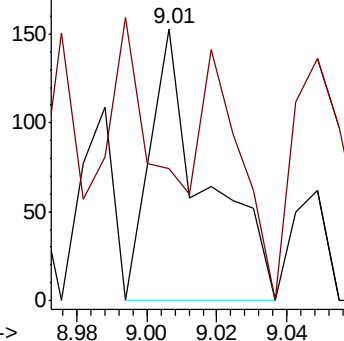
75 100

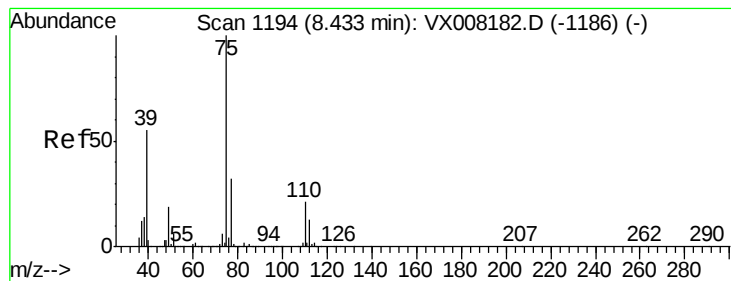
77 48.4 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 0.475 ug/l

RT: 8.41 min Scan# 1190

Delta R.T. -0.02 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

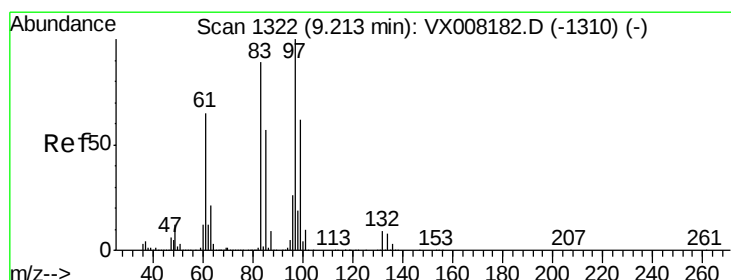
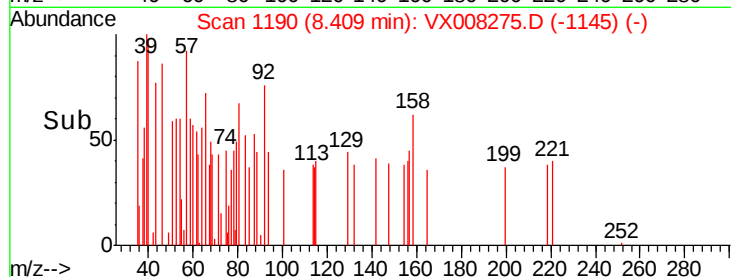
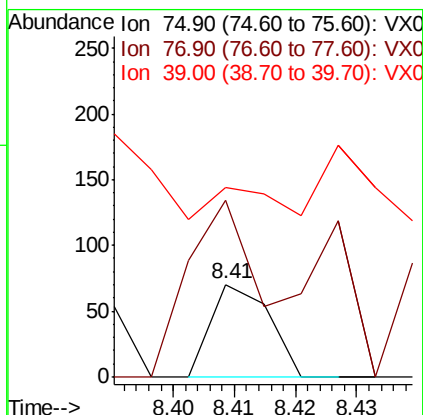
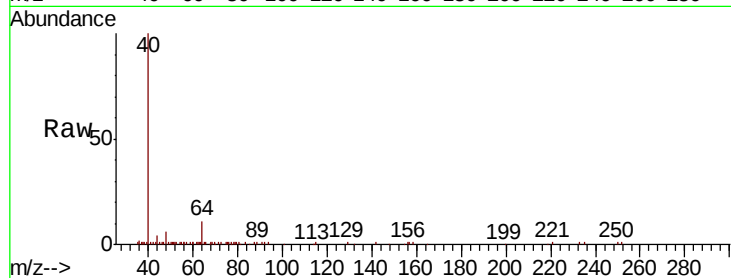
Tot Ion: 75 Resp: 46

Ion Ratio Lower Upper

75 100

77 64.3 25.0 37.6#

39 34.3 36.6 54.8#



#55

1,1,2-Trichloroethane

Concen: 0.915 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Tgt Ion: 97 Resp: 53

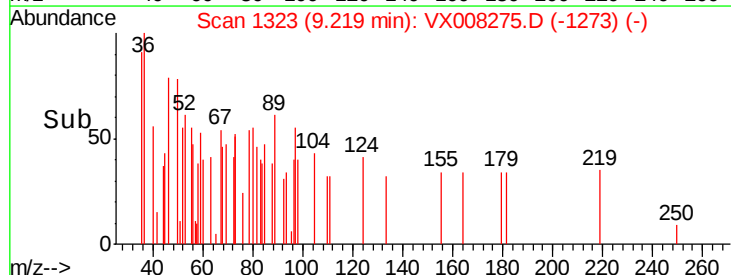
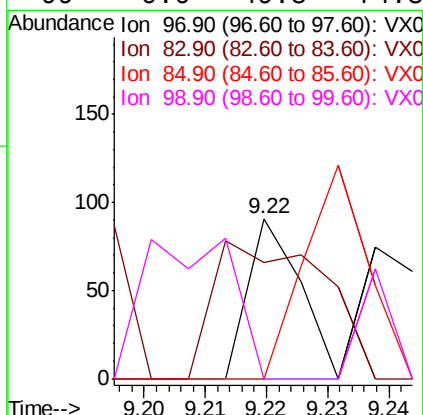
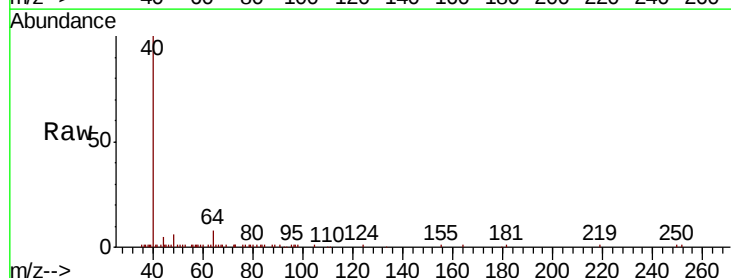
Ion Ratio Lower Upper

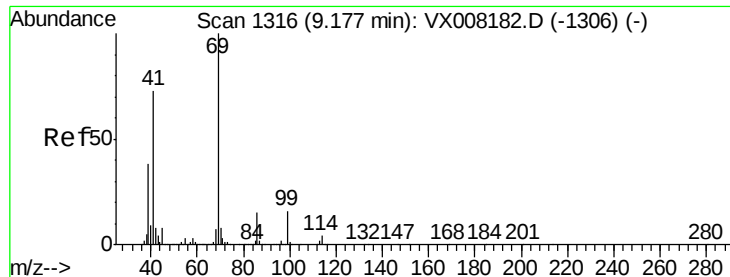
97 100

83 141.8 69.1 103.7#

85 0.0 44.3 66.5#

99 0.0 49.8 74.8#





#56

Ethyl methacrylate

Concen: 2.289 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

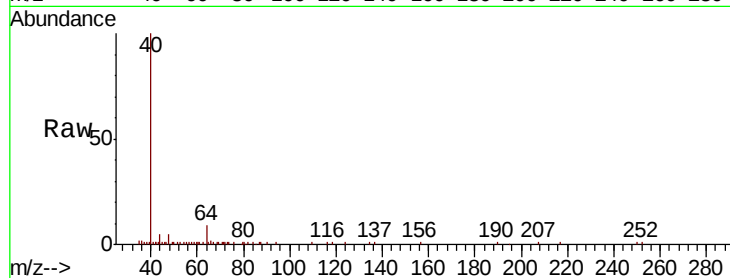
Tot Ion: 69.00 Resp: 181

Ion Ratio Lower Upper

69 100

41 43.6 54.2 81.4#

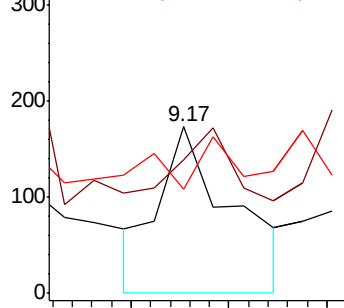
39 0.0 25.0 37.4#



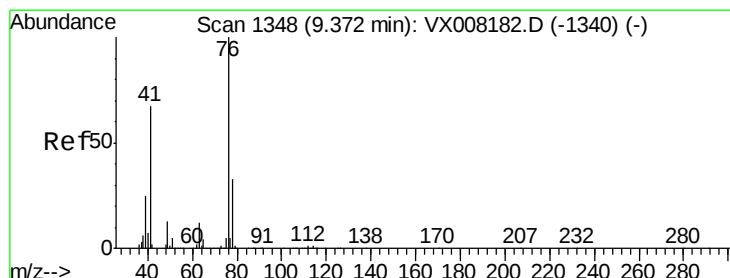
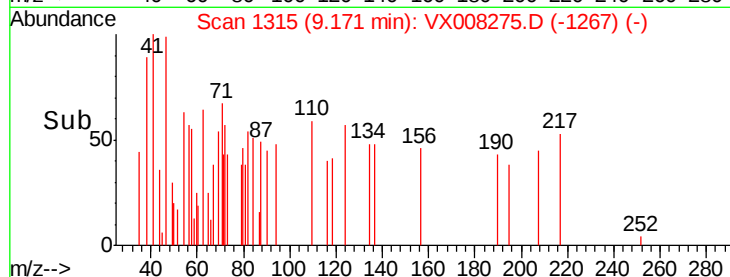
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#57

1,3-Dichloropropane

Concen: 2.509 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008275.D

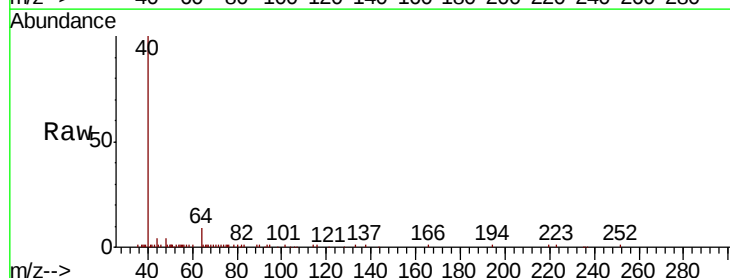
Acq: 21 Mar 2019 05:46

Tgt Ion: 76 Resp: 257

Ion Ratio Lower Upper

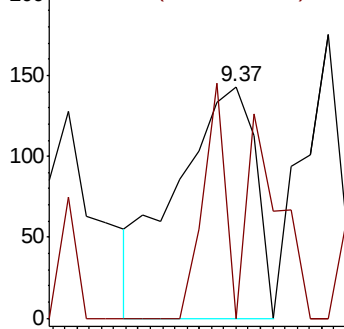
76 100

78 37.0 25.5 38.3

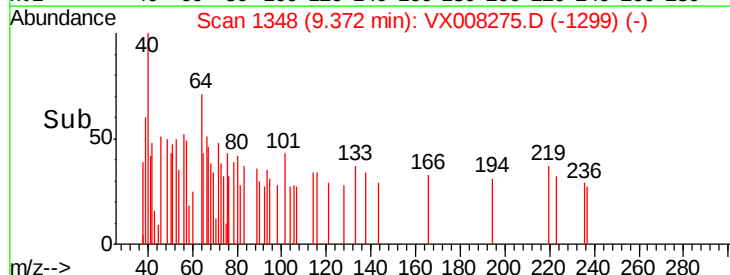


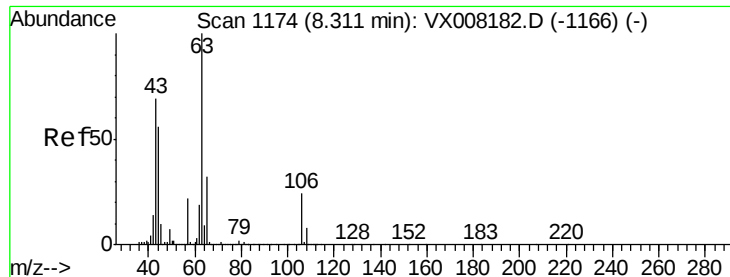
Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->

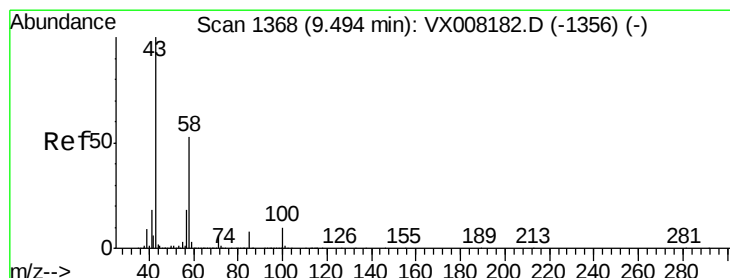
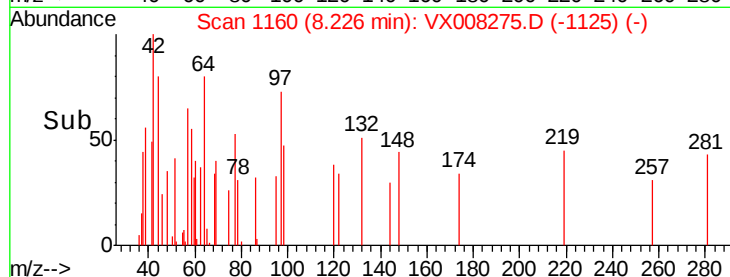
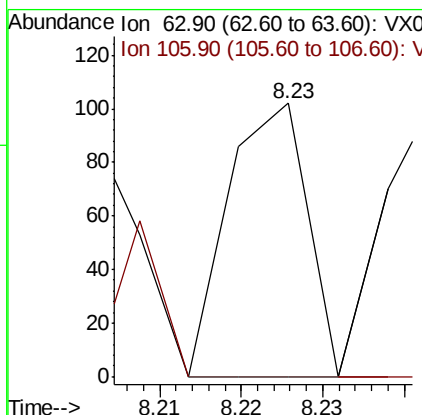
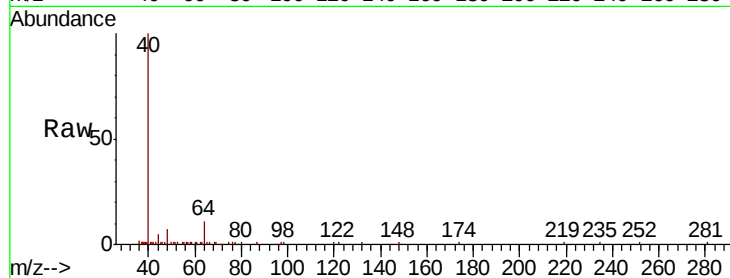




#58
2-Chloroethyl Vinyl ether
Concen: 1.454 ug/l
RT: 8.23 min Scan# 1160
Delta R.T. -0.09 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

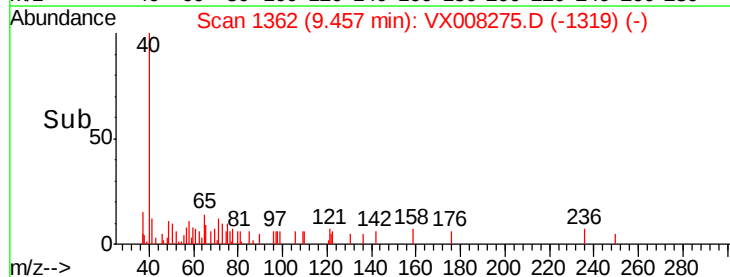
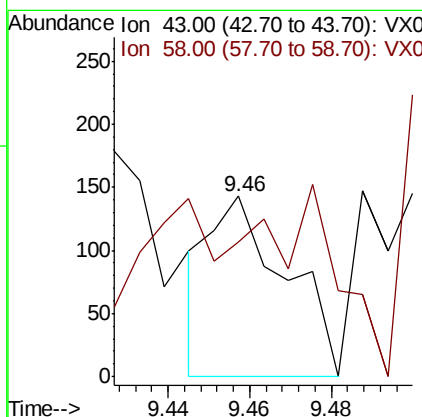
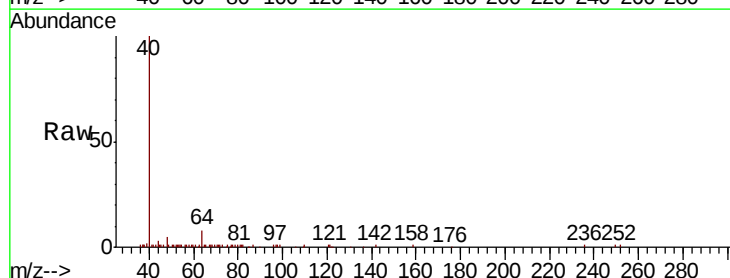
Instrument :
MSVOA_X
ClientSampleId :
M4-T4-OZ(POST-HYPO)

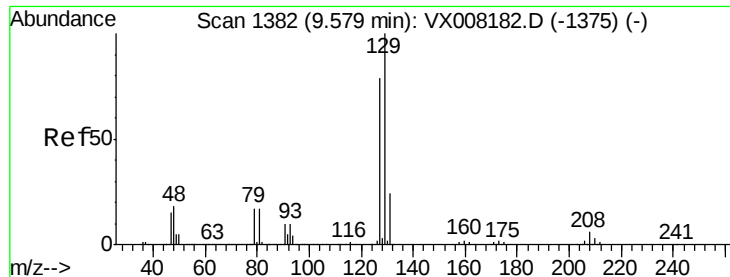
Tot Ion: 63 Resp: 69
Ion Ratio Lower Upper
63 100
106 30.4 22.2 33.2



#59
2-Hexanone
Concen: 2.404 ug/l
RT: 9.46 min Scan# 1362
Delta R.T. -0.04 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
58 56.2 27.6 82.7





#60

Dibromochloromethane

Concen: 0.809 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

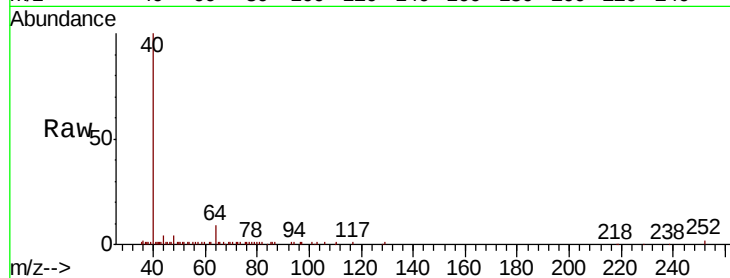
M4-T4-OZ(POST-HYPO)

Tot Ion:129 Resp: 45

Ion Ratio Lower Upper

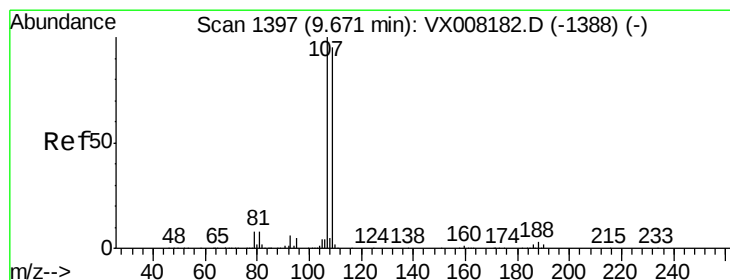
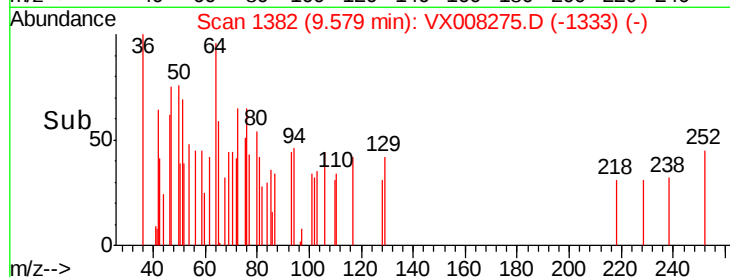
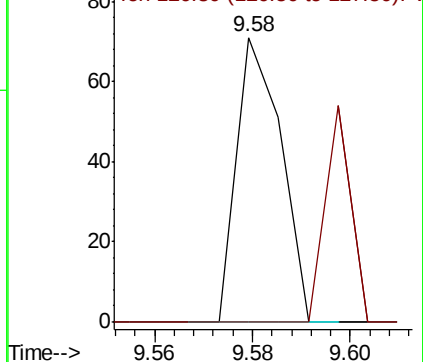
129 100

127 44.4 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.910 ug/l

RT: 9.80 min Scan# 1419

Delta R.T. 0.13 min

Lab File: VX008275.D

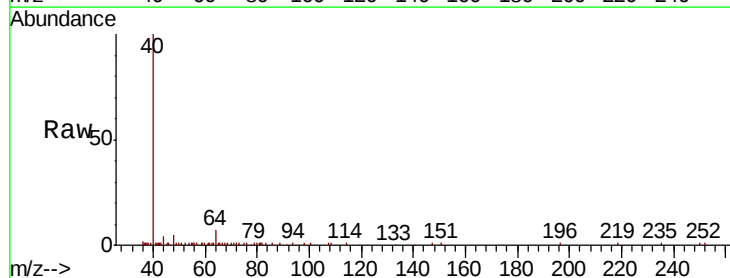
Acq: 21 Mar 2019 05:46

Tgt Ion:107 Resp: 55

Ion Ratio Lower Upper

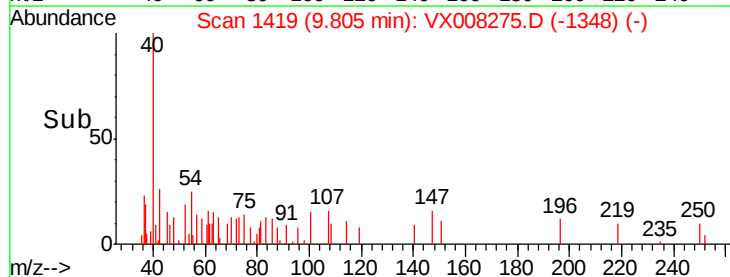
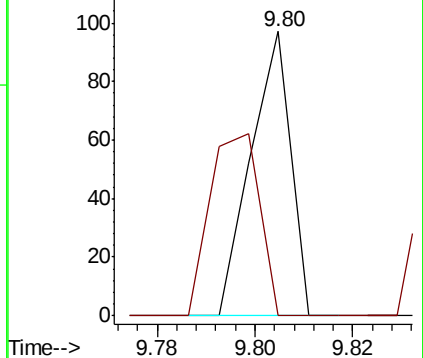
107 100

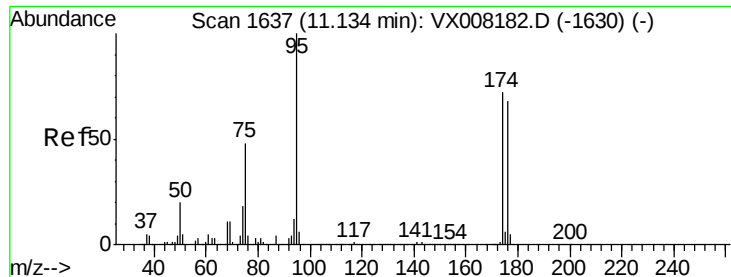
109 80.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

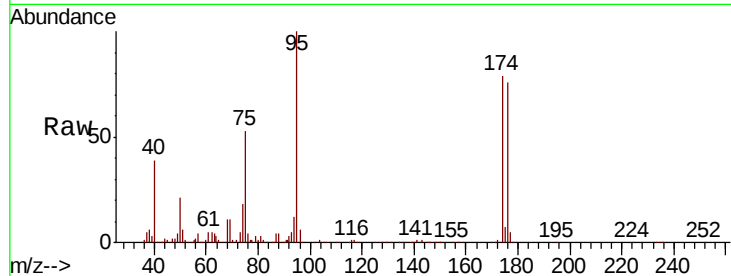




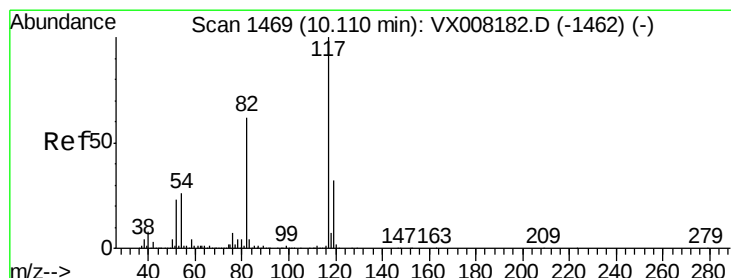
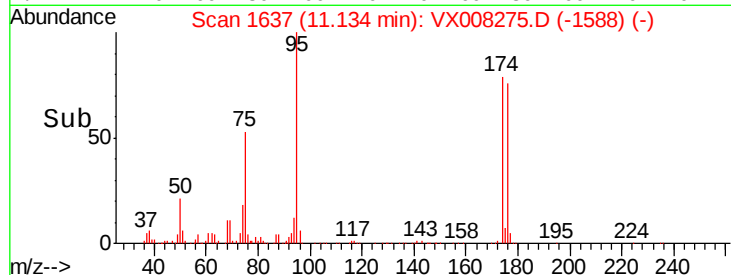
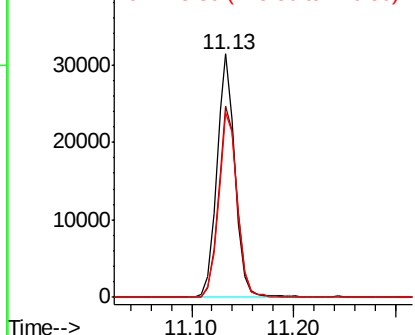
#62
4-Bromofluorobenzene
Concen: 641.880 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

Instrument :
MSVOA_X
ClientSampleId :
M4-T4-OZ(POST-HYPO)

Tot Ion: 95 Resp: 39322
Ion Ratio Lower Upper
95 100
174 80.4 0.0 182.8
176 77.3 0.0 178.0

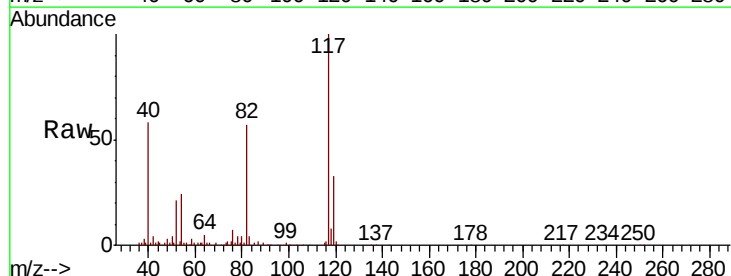


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

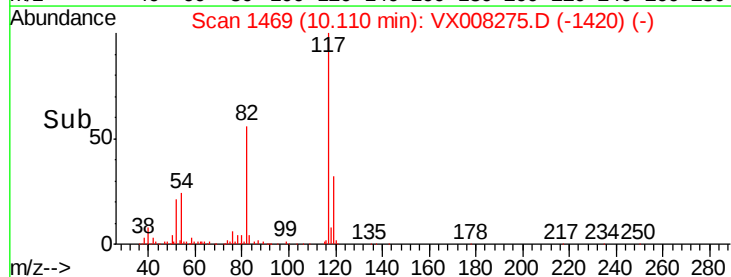
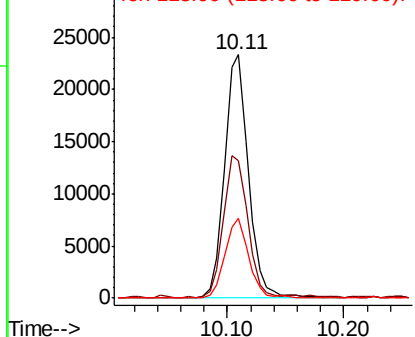


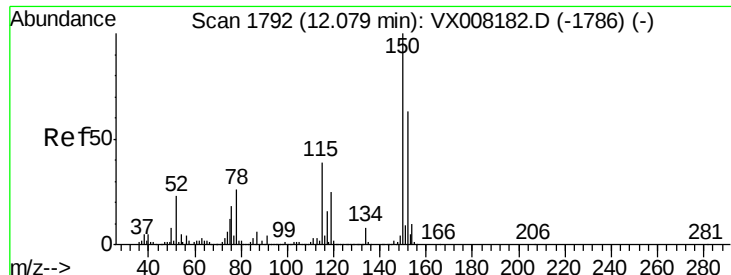
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008275.D
Acq: 21 Mar 2019 05:46

Tgt Ion: 117 Resp: 33224
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.6 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008275.D

Acq: 21 Mar 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-OZ(POST-HYPO)

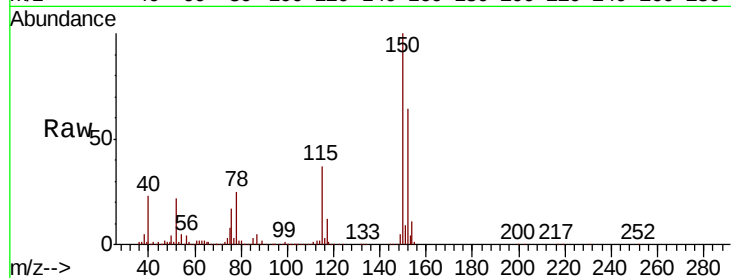
Tot Ion:152 Resp: 55995

Ion Ratio Lower Upper

152 100

115 60.7 38.6 115.7

150 157.1 0.0 348.4



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

